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PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hideki Uchida et al.

Serial No.: 10/016,455

Filed: December 10, 2001

Title: VISCOUS FLUID TRANSFER APPARATUS
AND TRANSFER METHOD, ELECTRONIC
COMPONENT MOUNTING APPARATUS AND
MOUNTING METHOD, AND SEMICONDUCTOR
DEVICE

Docket No.: 34236

#3
with
Formal
Drawings
5-7-02
Ristola

LETTER

Asst. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Attention: Official Draftsman

Sir/Madam:

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Enclosed herewith are 51 sheets of formal drawings for filing in the above-
identified application.

Respectfully submitted,

PEARNE & GORDON LLP

By Jeffrey J. Sopko
Jeffrey J. Sopko, Reg. No. 27676

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Date: 1/16/02

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Washington D.C. 20231 on the date indicated below.

Jeffrey J. Sopko

Name of Attorney for Applicant(s)

Date

Signature of Attorney

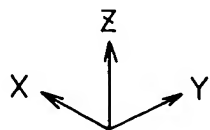
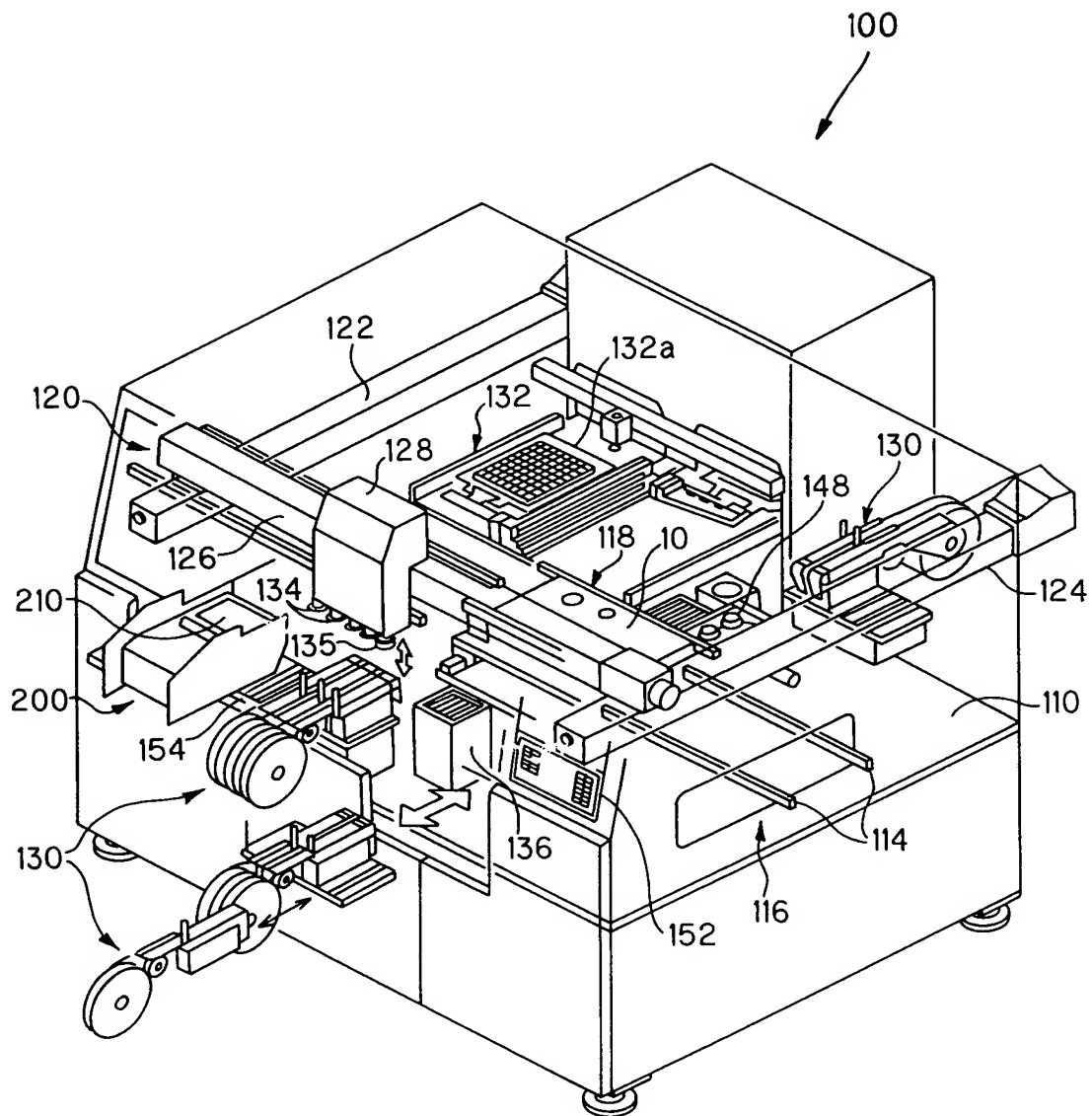
FIG. 1

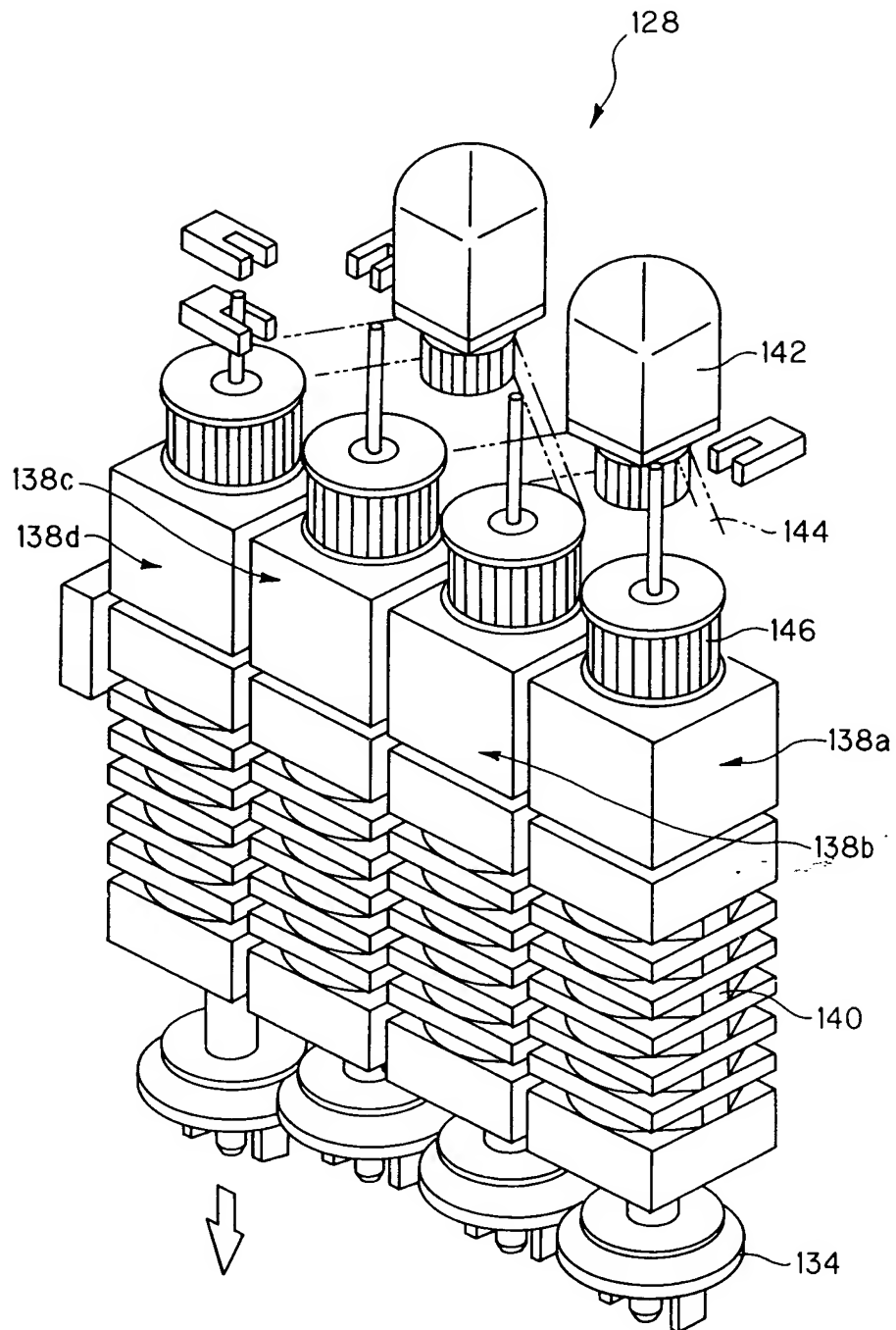
FIG. 2

FIG. 3

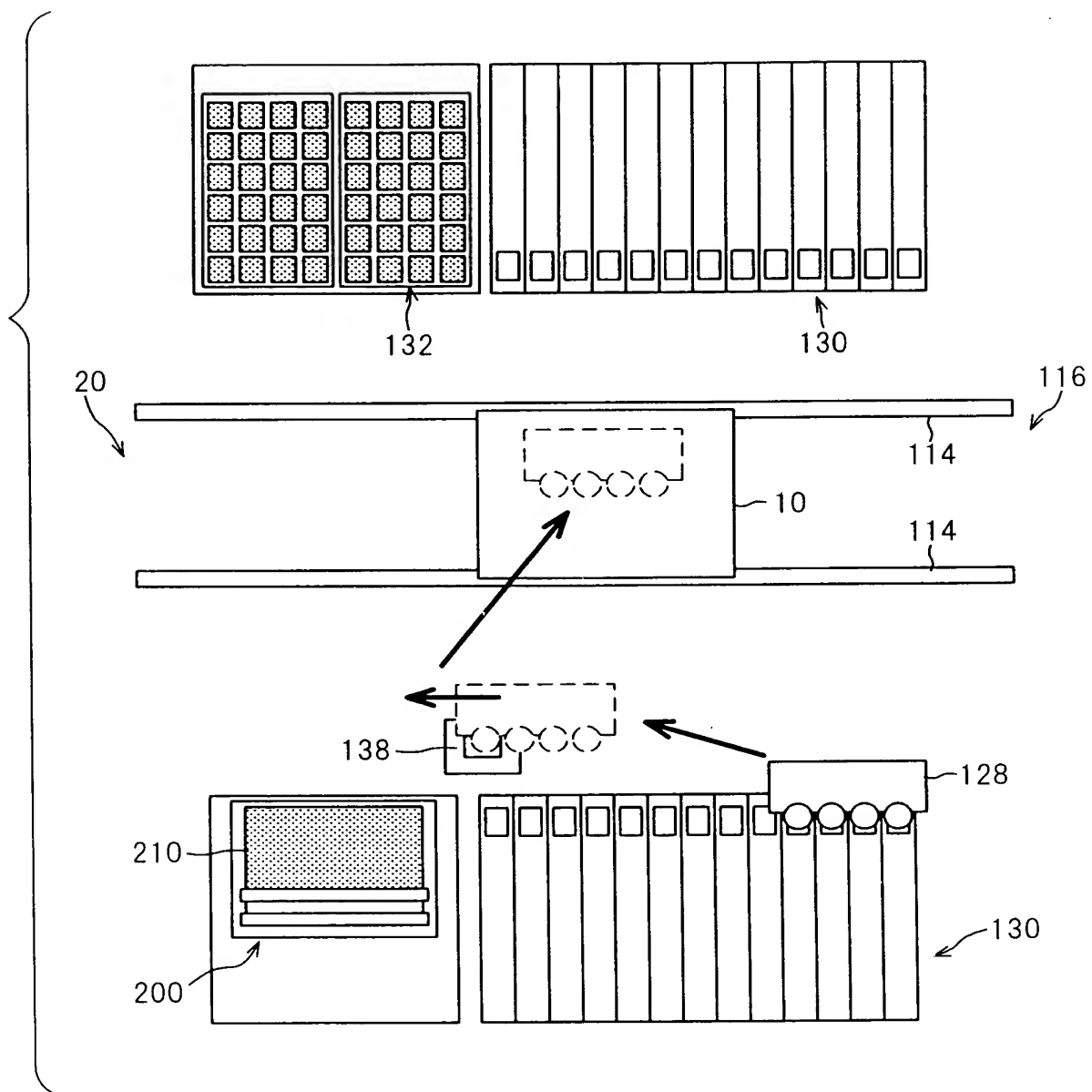


FIG. 4(a)

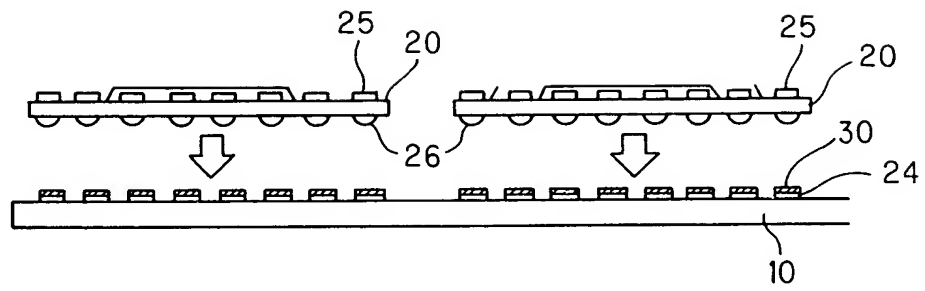


FIG. 4(b)

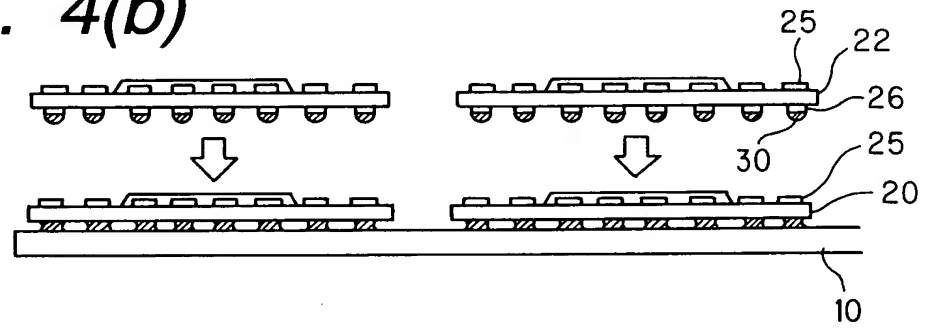


FIG. 4(c)

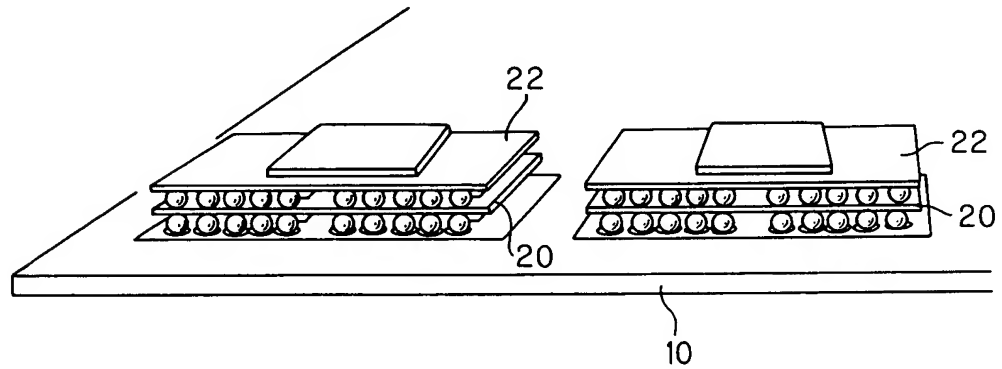


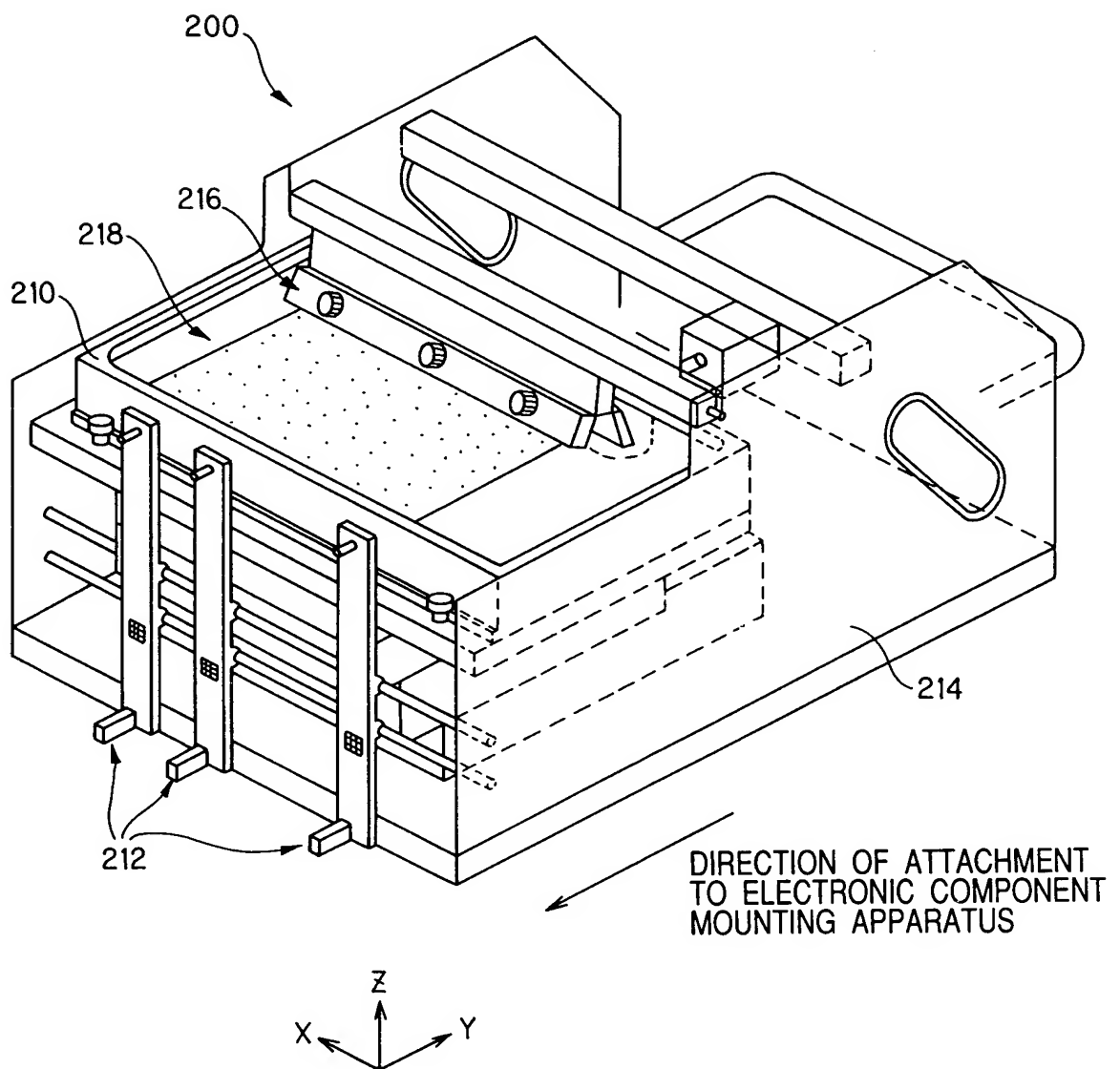
FIG. 5

FIG. 6

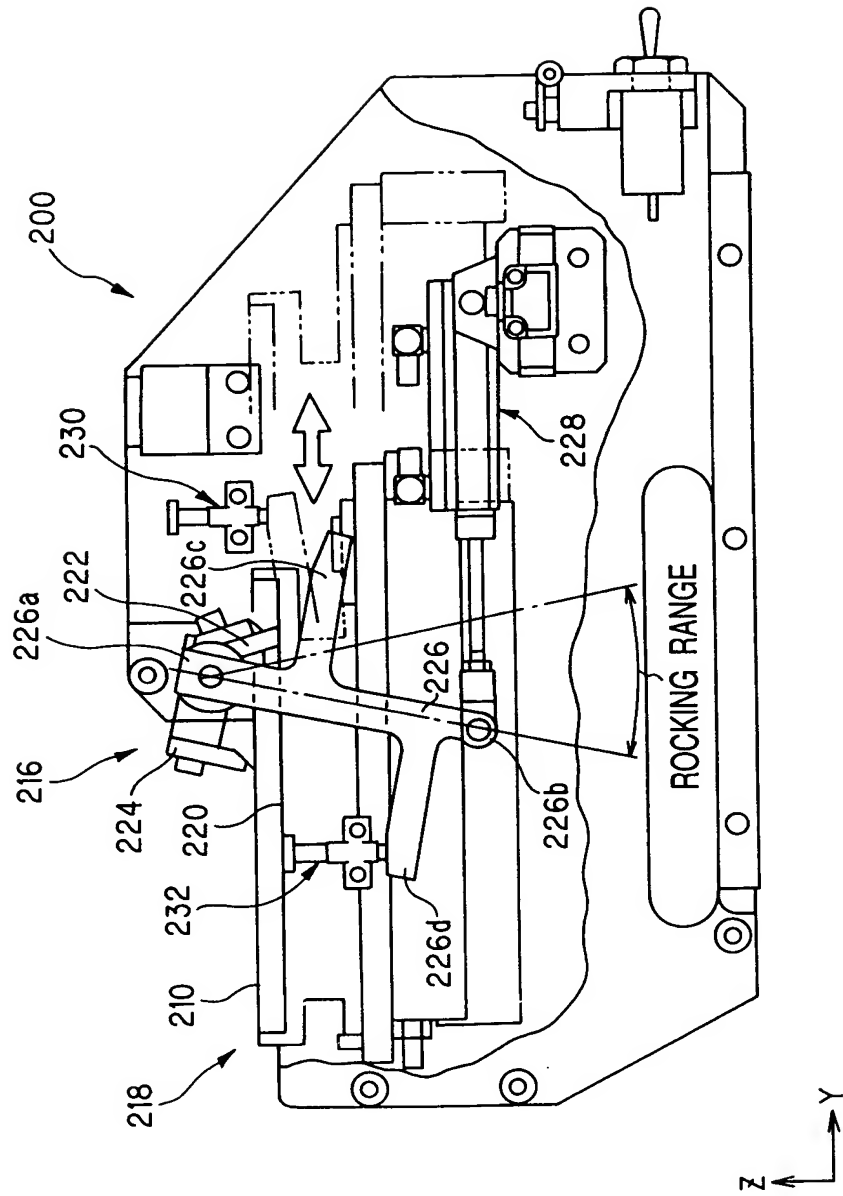


FIG. 7

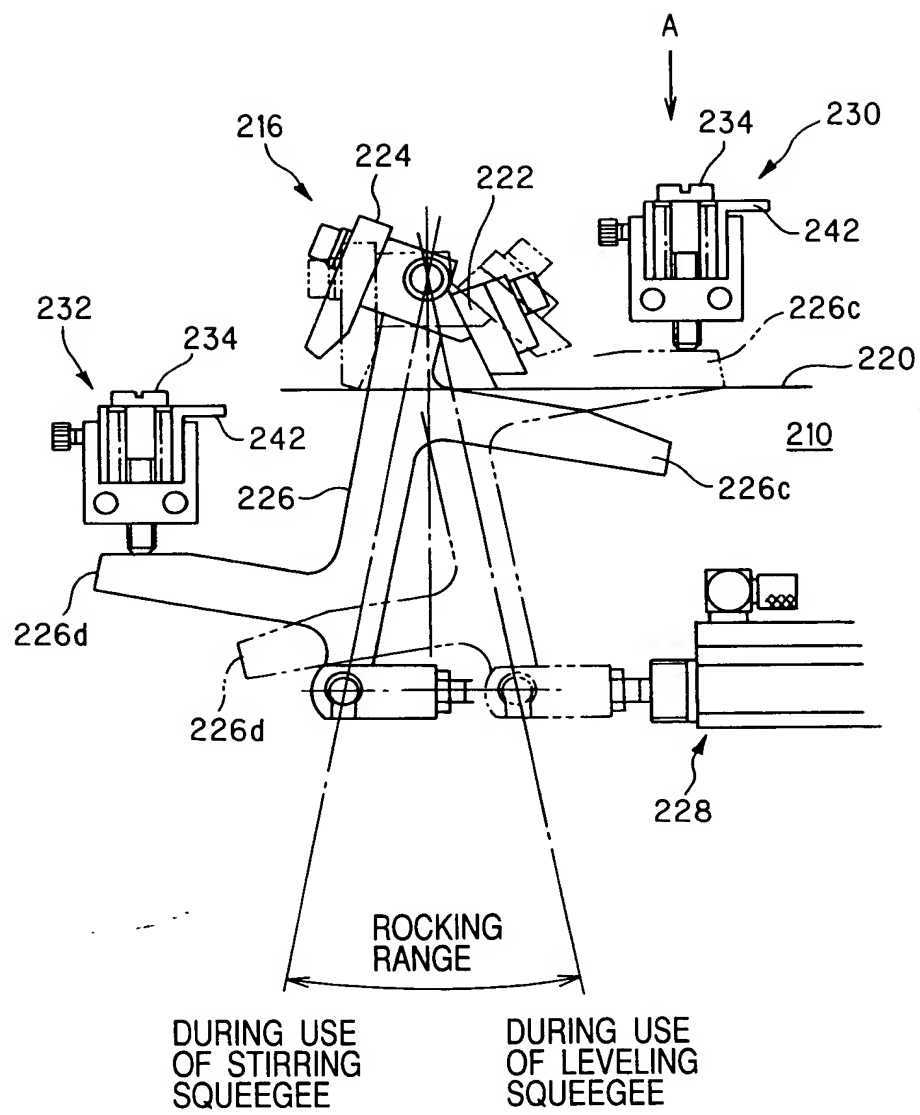


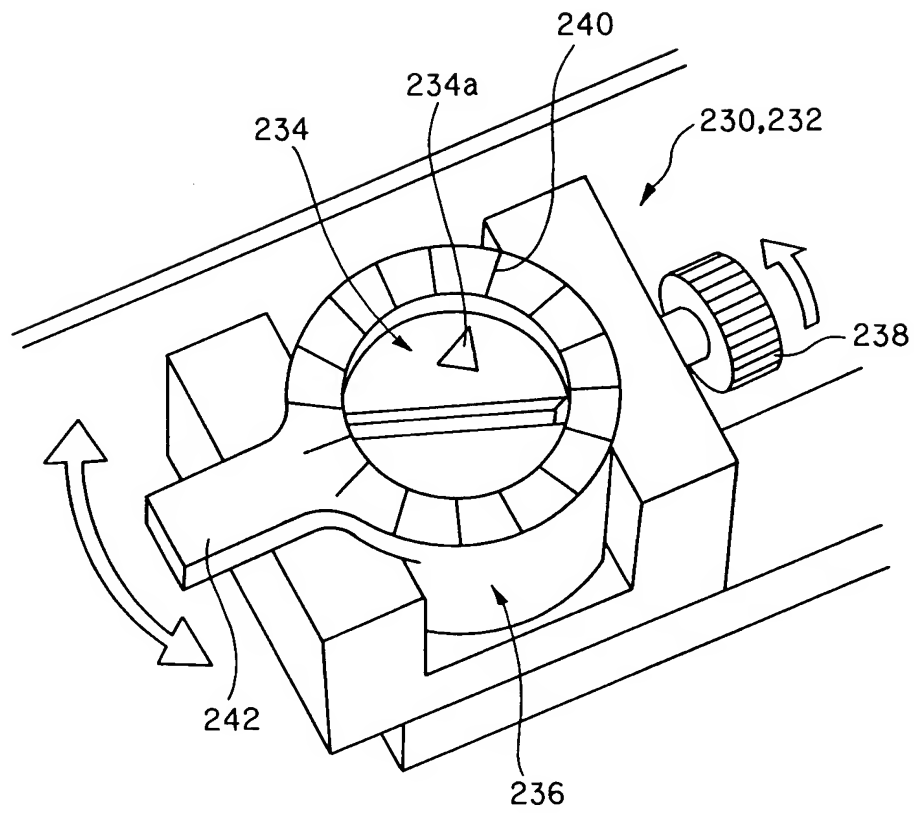
FIG. 8

FIG. 9

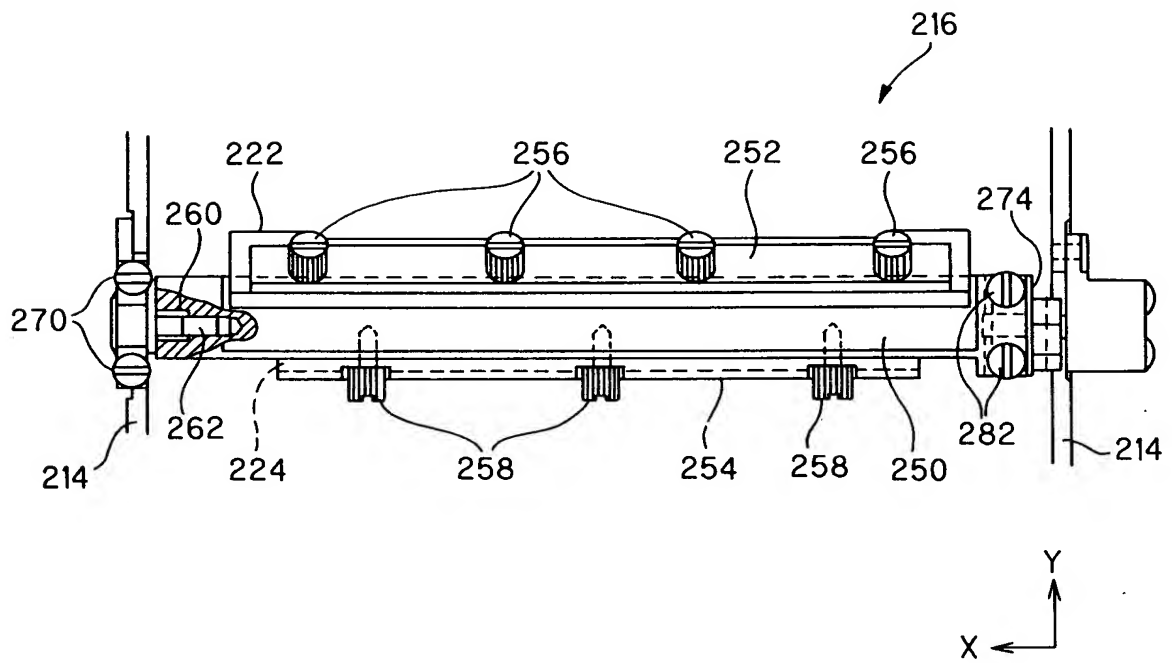


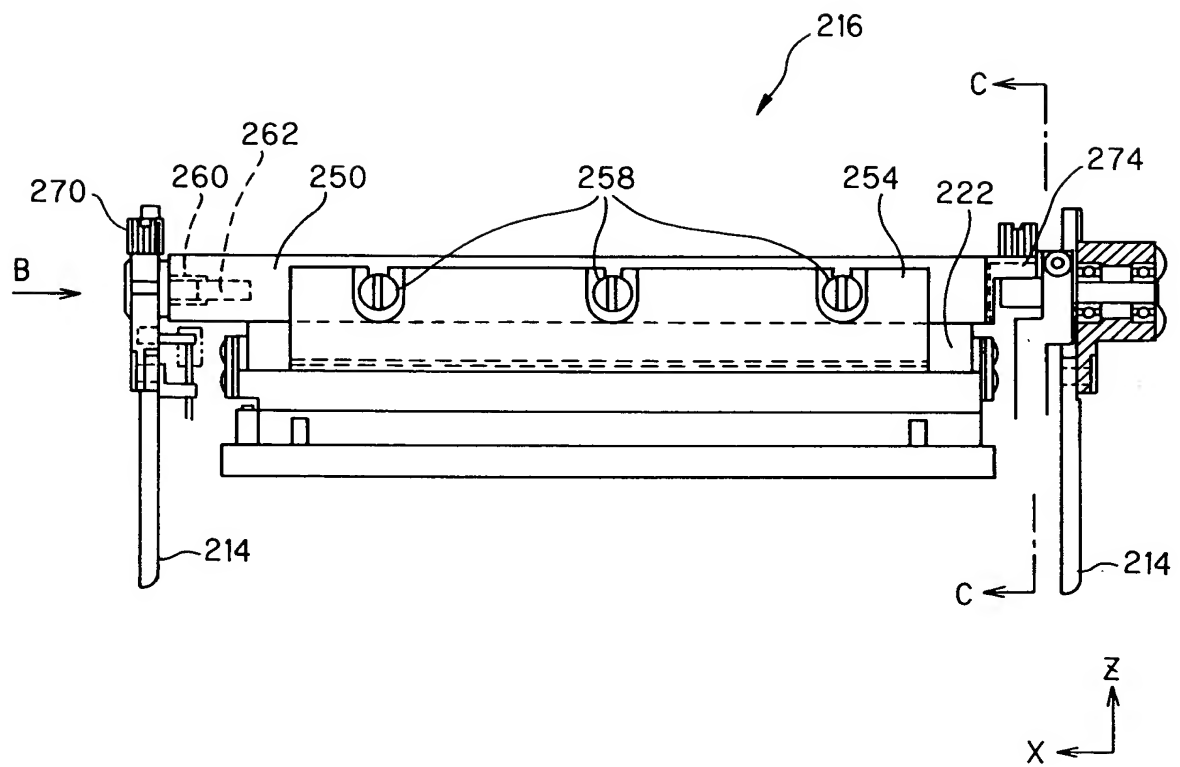
FIG. 10

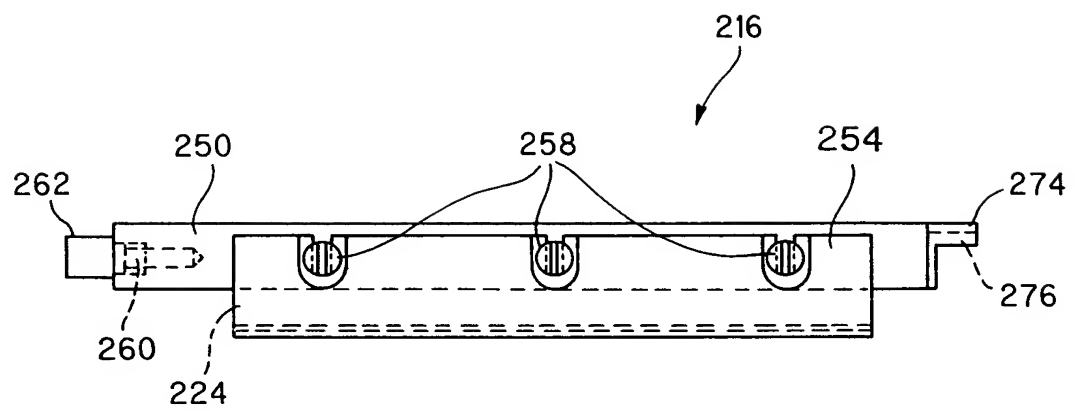
FIG. 11

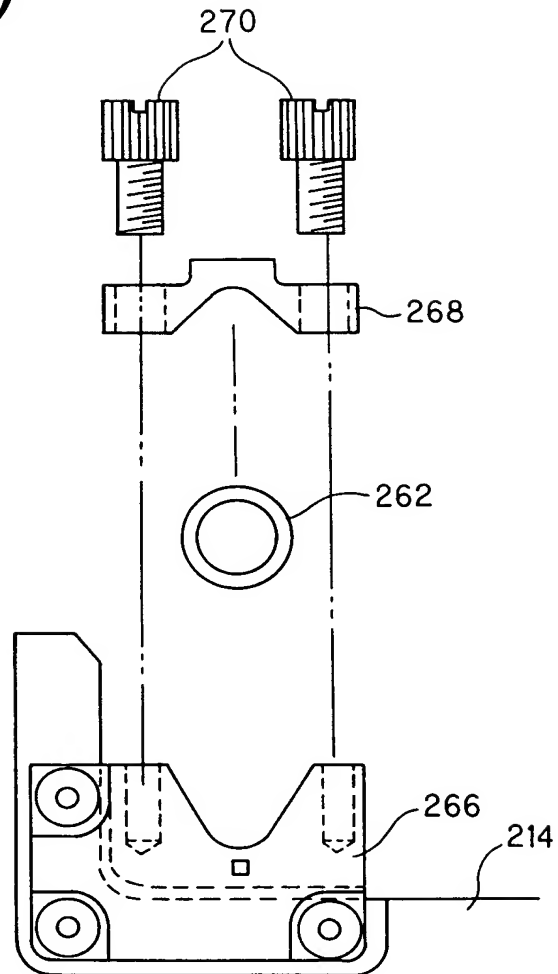
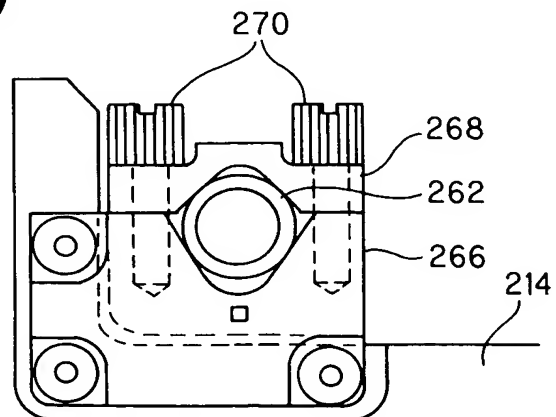
FIG. 12(a)*FIG. 12(b)*

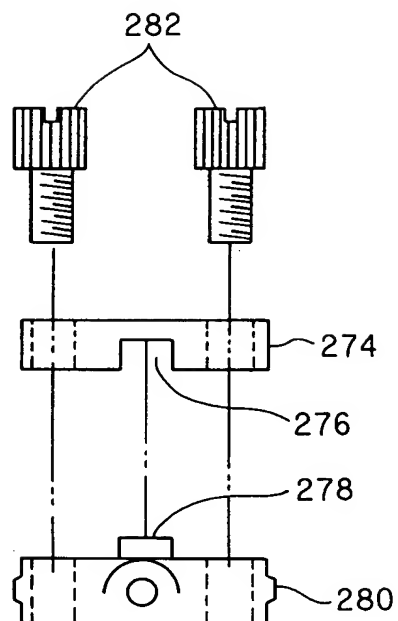
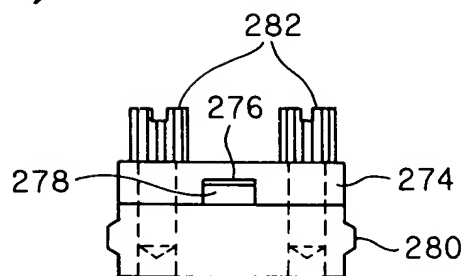
FIG. 13(a)*FIG. 13(b)*

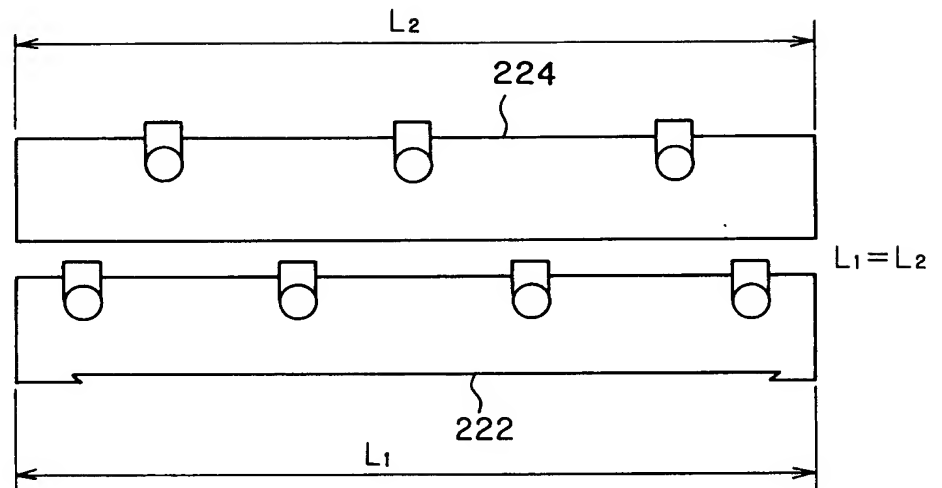
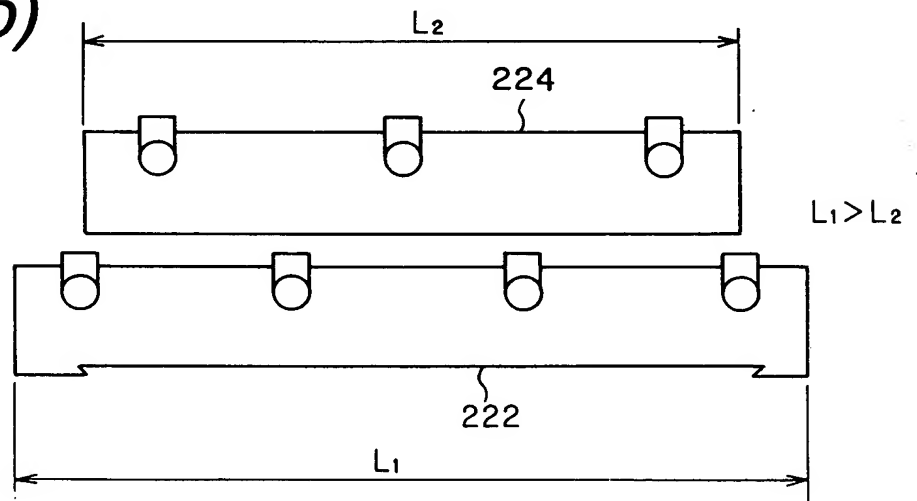
FIG. 14(a)*FIG. 14(b)*

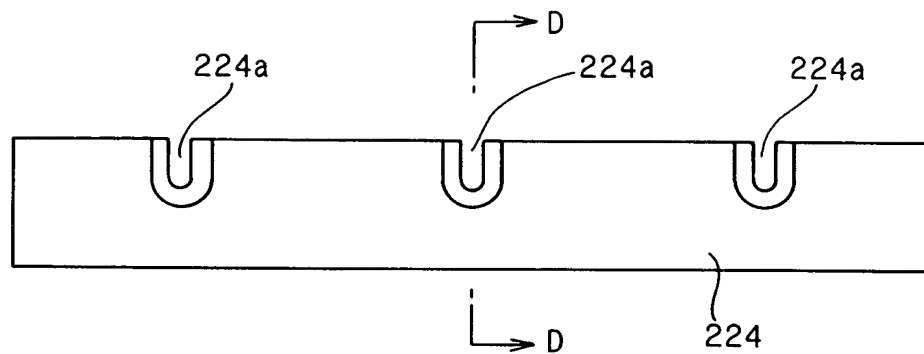
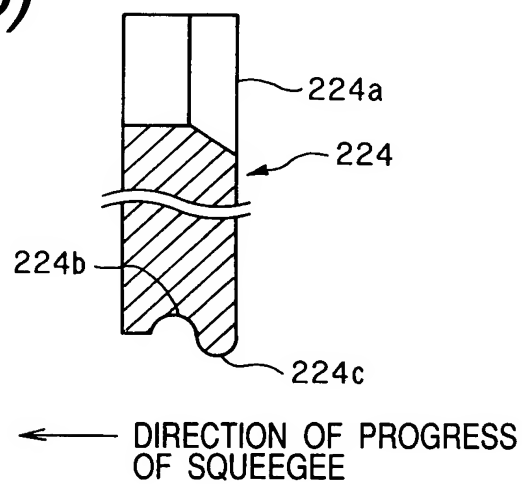
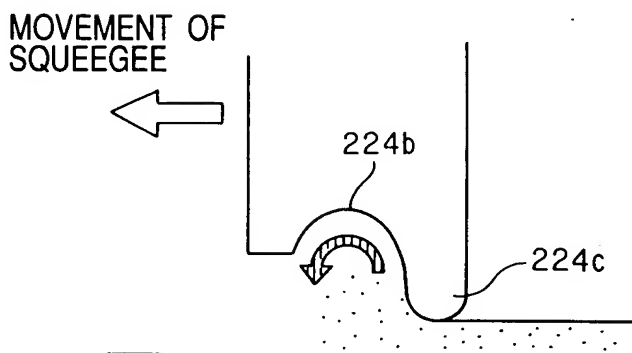
FIG. 15(a)*FIG. 15(b)**FIG. 16*

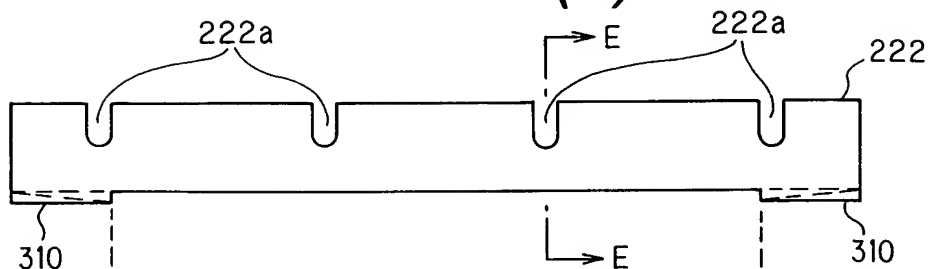
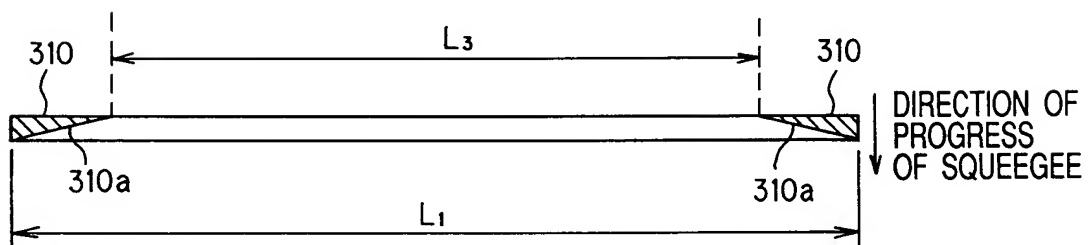
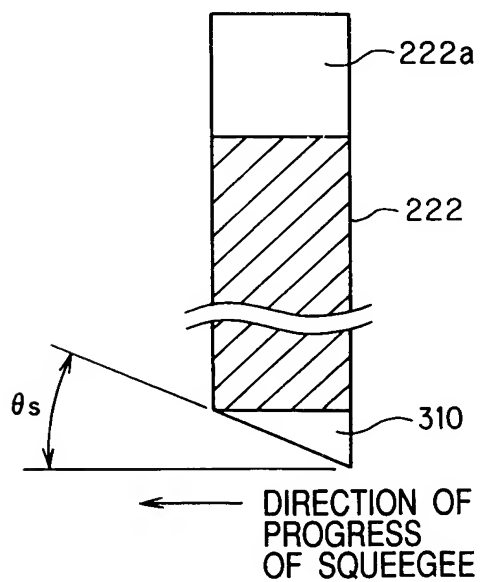
FIG. 17(a)**FIG. 17(b)****FIG. 18**

FIG. 19

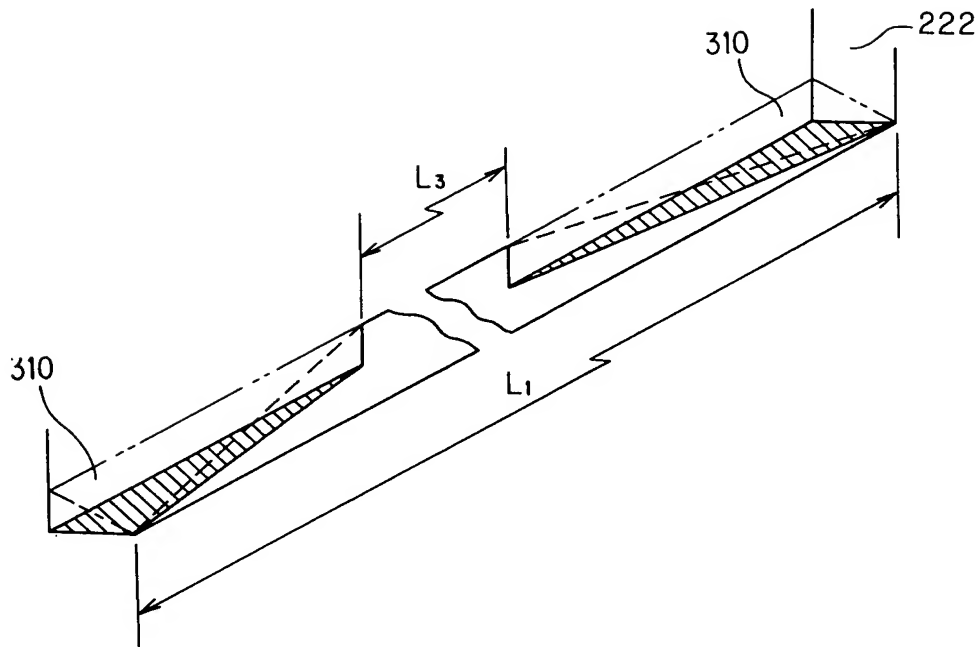


FIG. 20

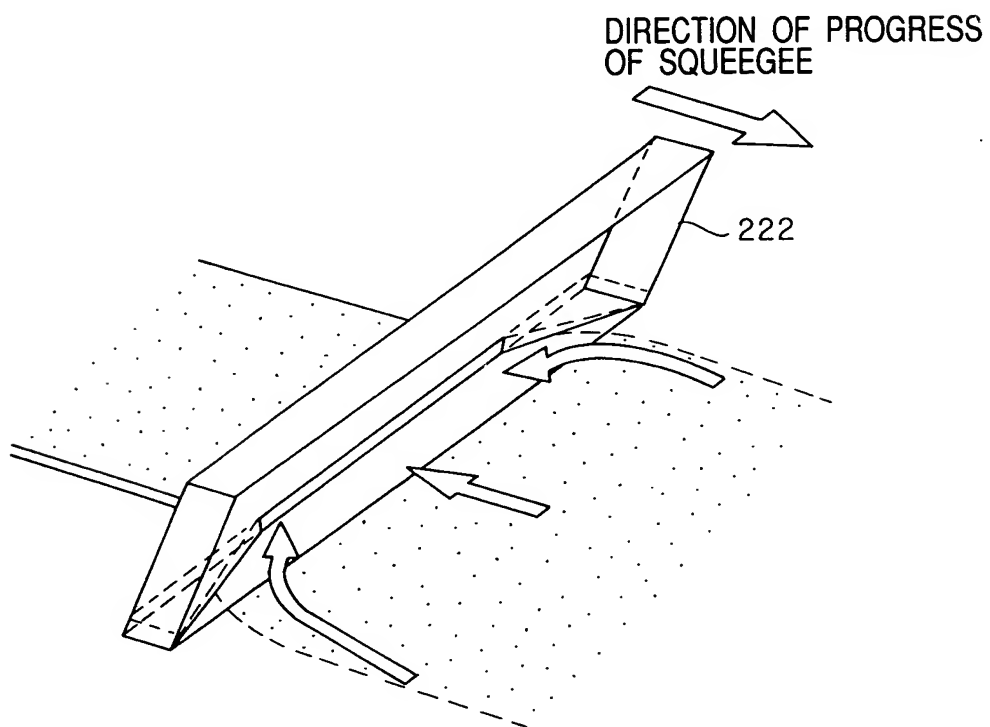


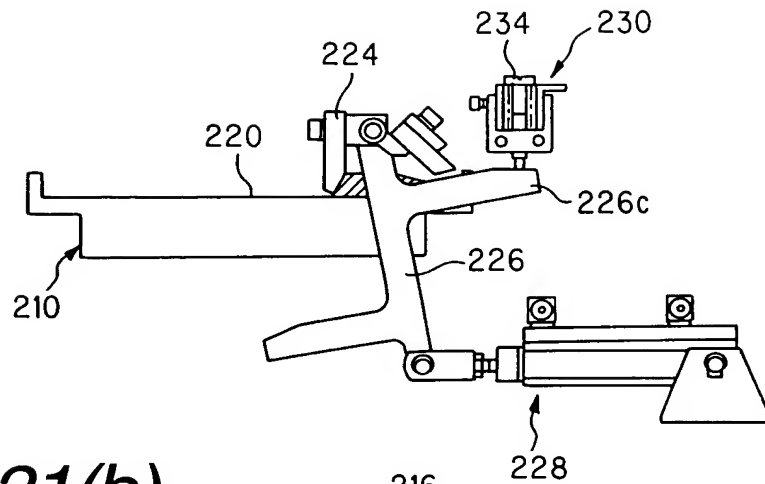
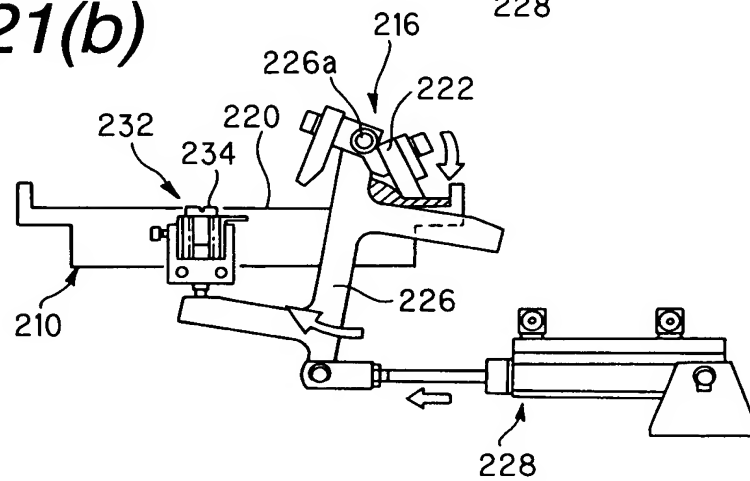
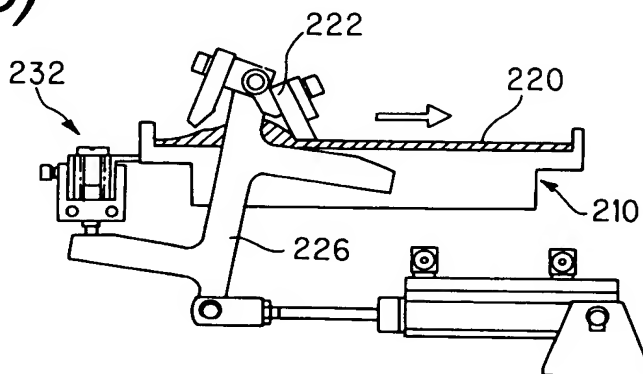
FIG. 21(a)*FIG. 21(b)**FIG. 21(c)*

FIG. 22(a)

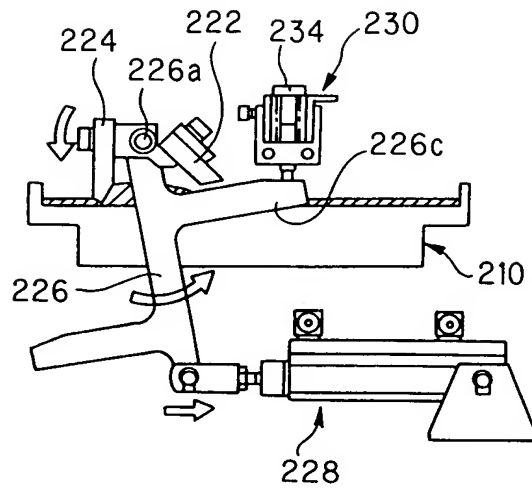


FIG. 22(b)

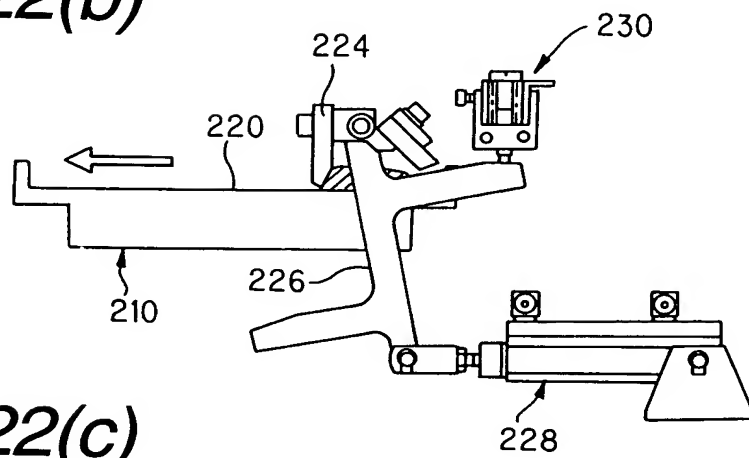
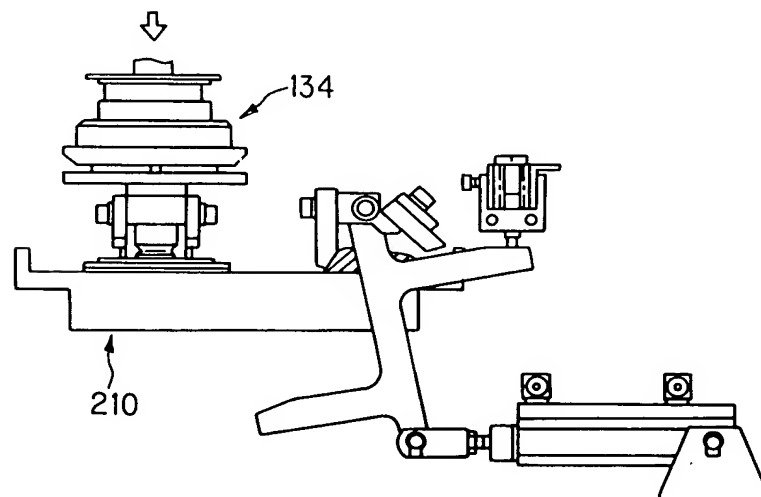


FIG. 22(c)



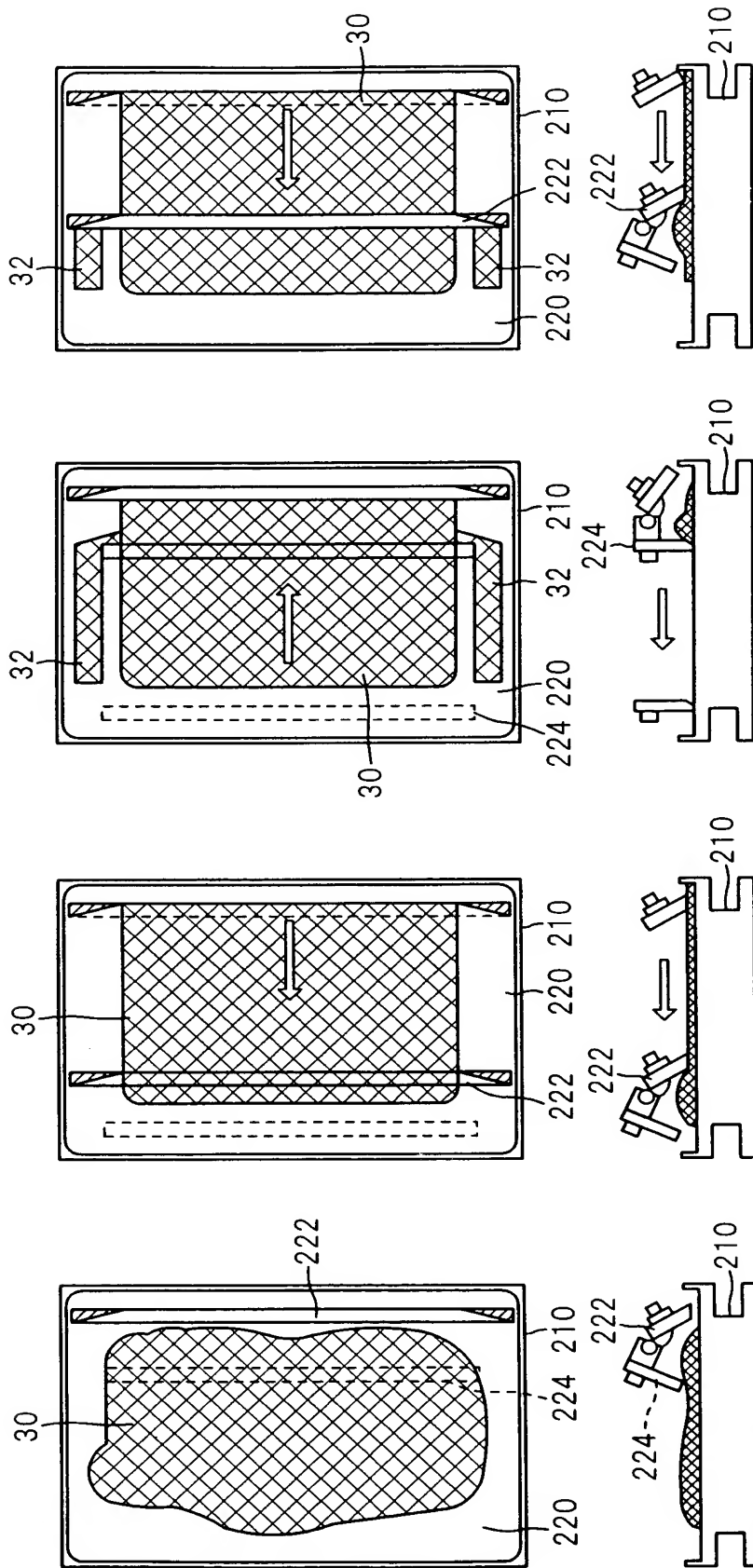


FIG. 23(d)

FIG. 23(c)

FIG. 23(b)

FIG. 23(a)

FIG. 24(a)

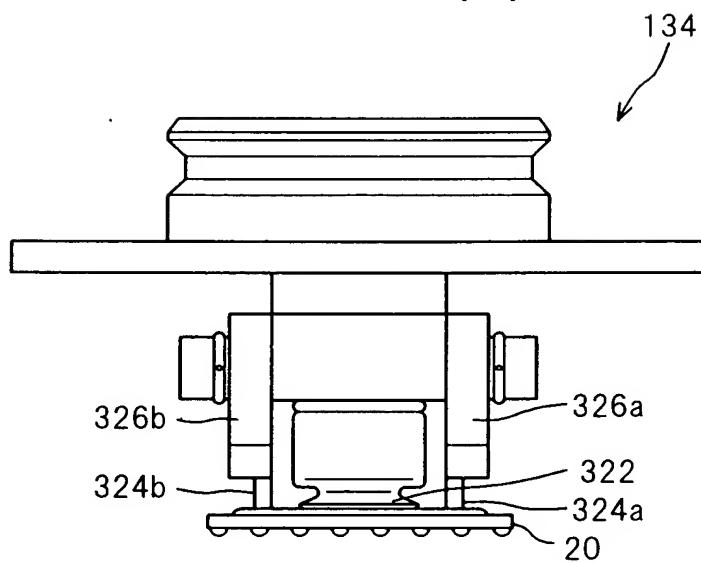


FIG. 24(b)

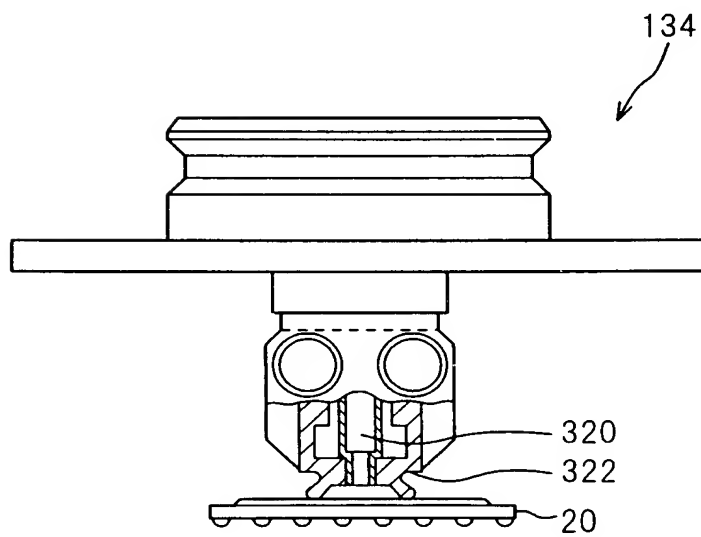


FIG. 25(a)

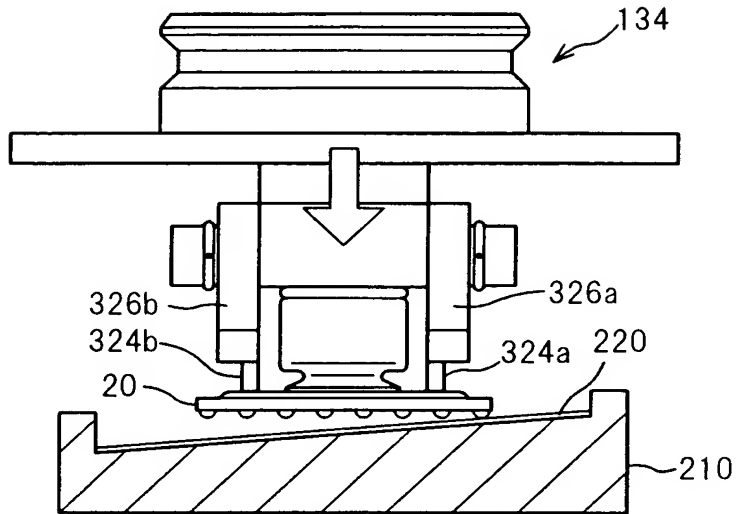


FIG. 25(b)

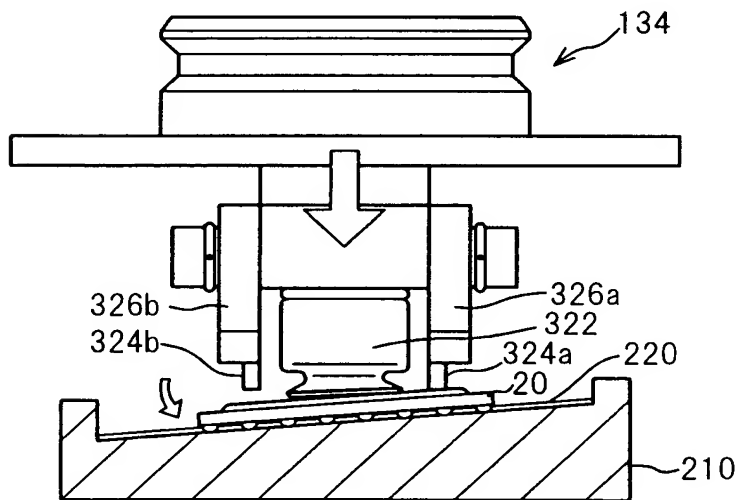


FIG. 25(c)

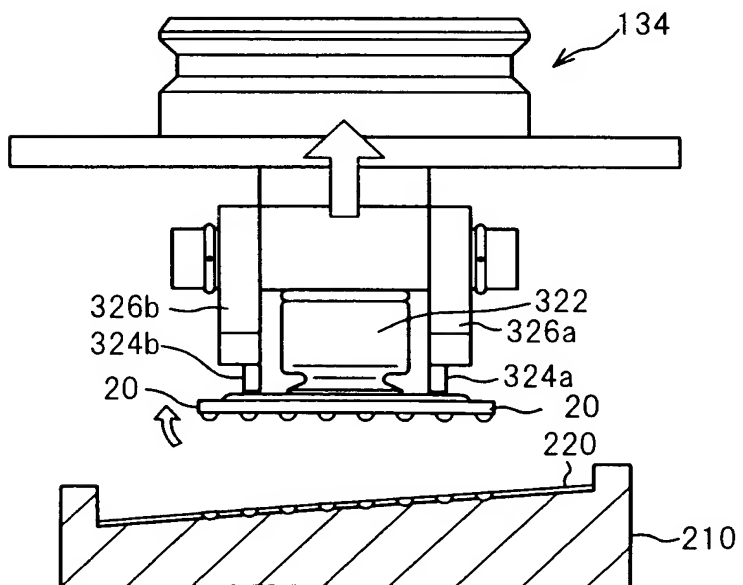


FIG. 26(a)

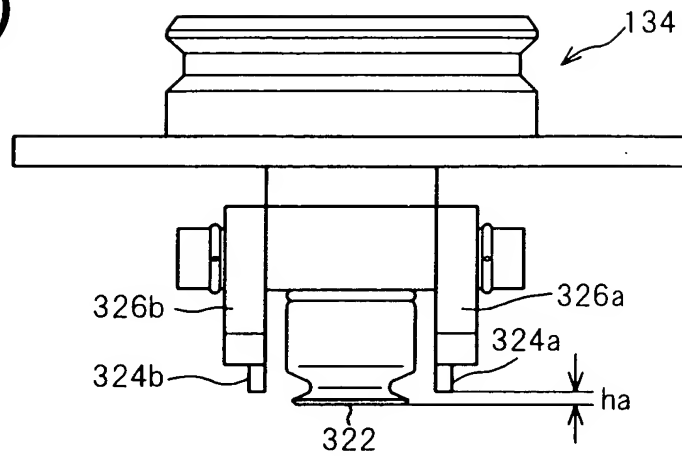


FIG. 26(b)

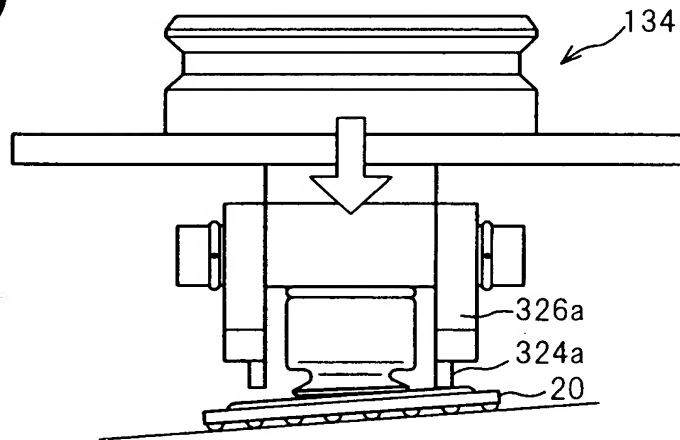


FIG. 26(c)

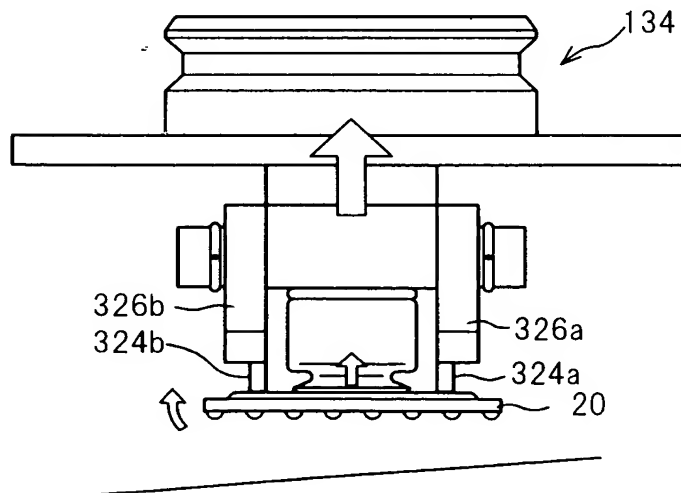


FIG. 27

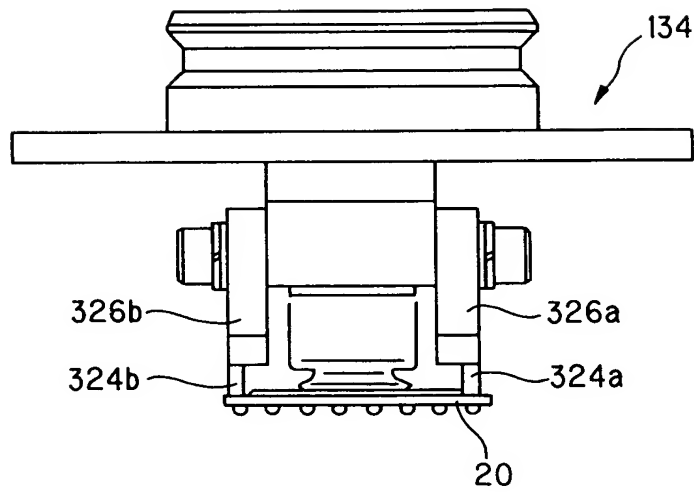


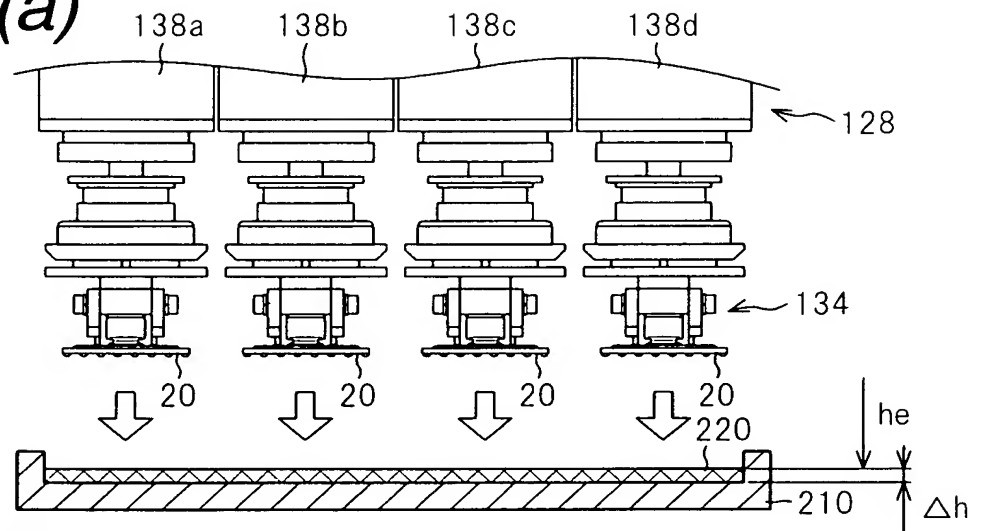
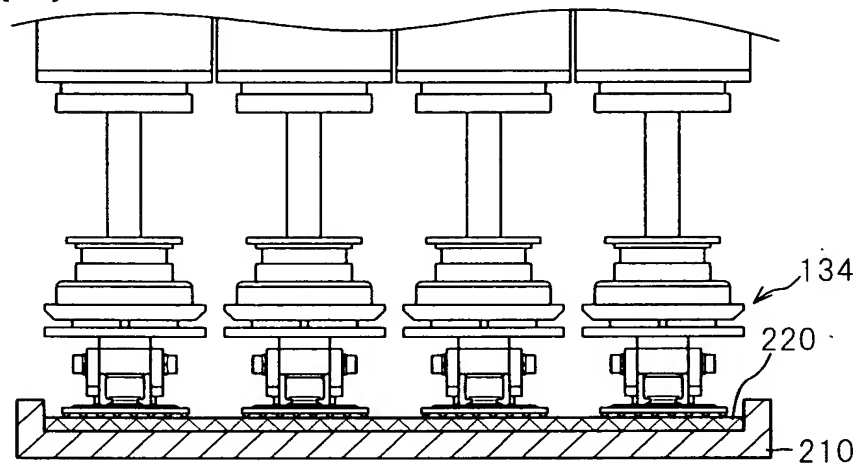
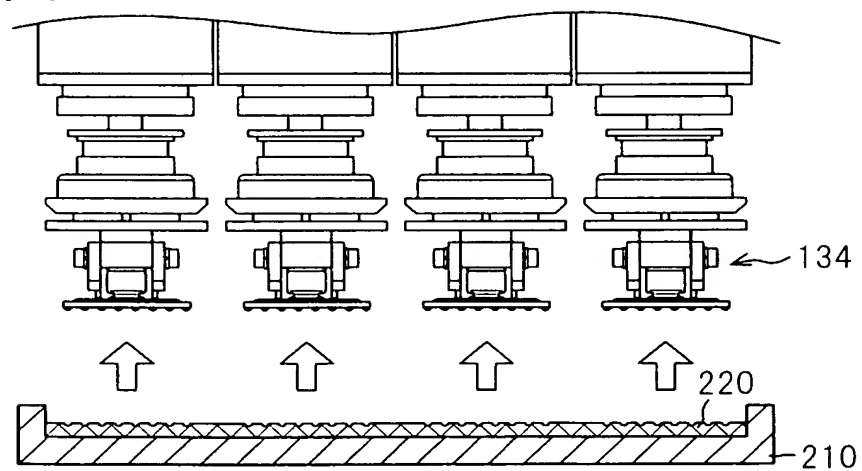
FIG. 28(a)**FIG. 28(b)****FIG. 28(c)**

FIG. 29

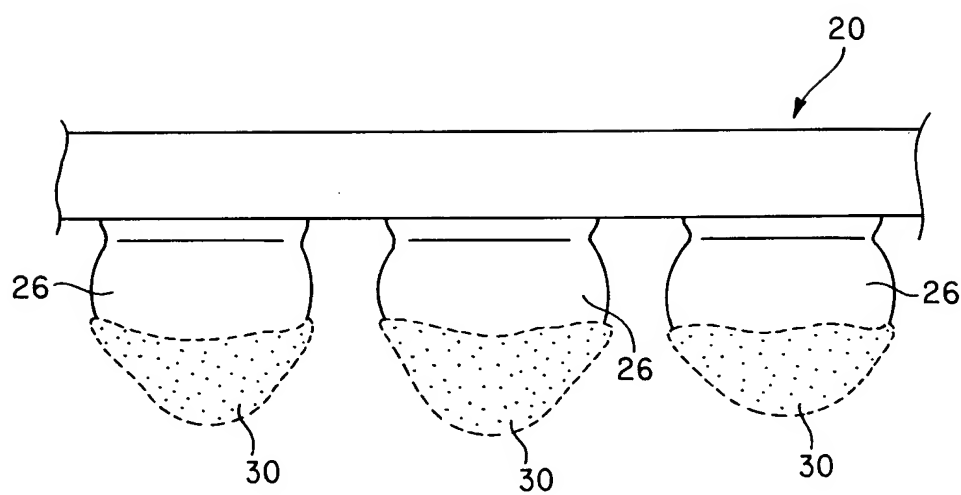


FIG. 30

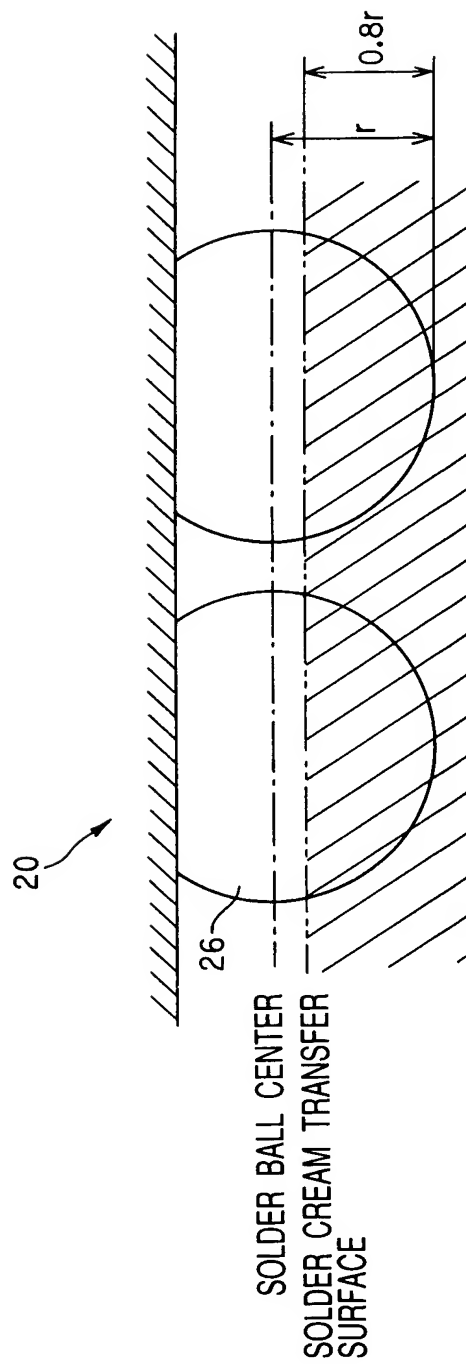


FIG. 31(a)

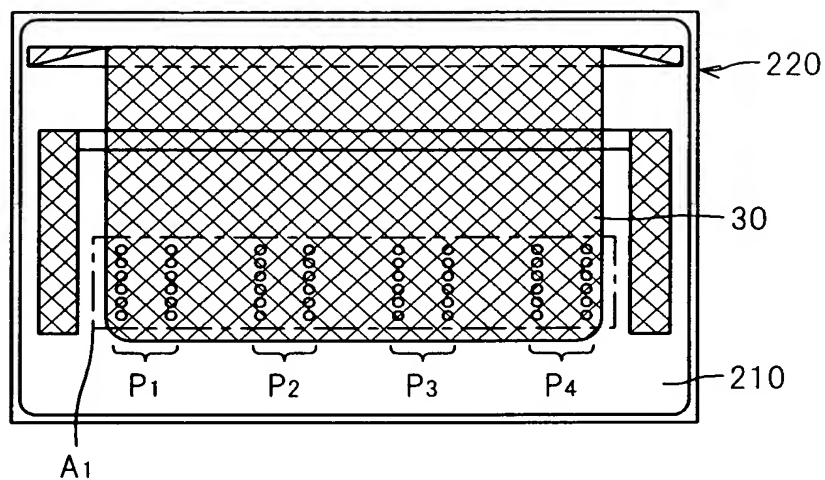


FIG. 31(b)

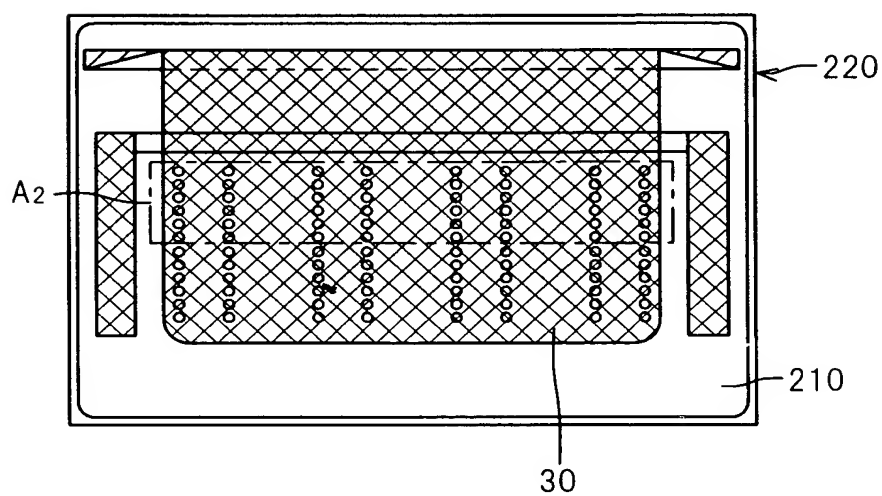


FIG. 32(a)

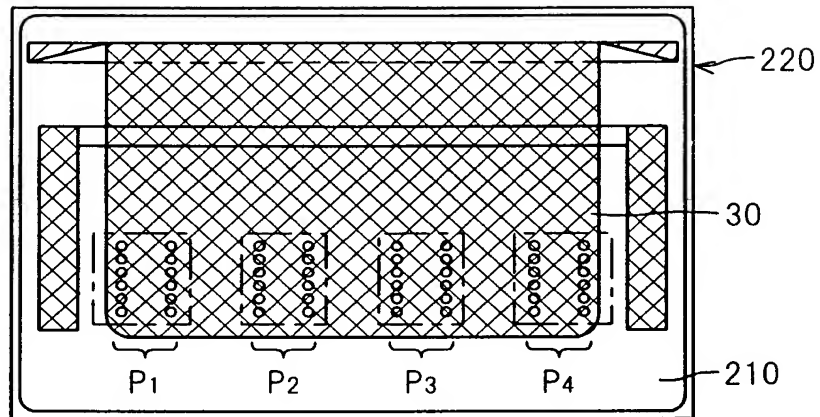


FIG. 32(b)

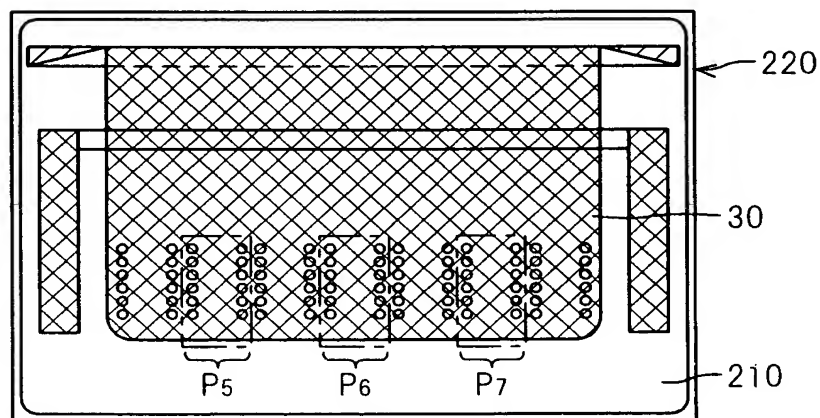


FIG. 33

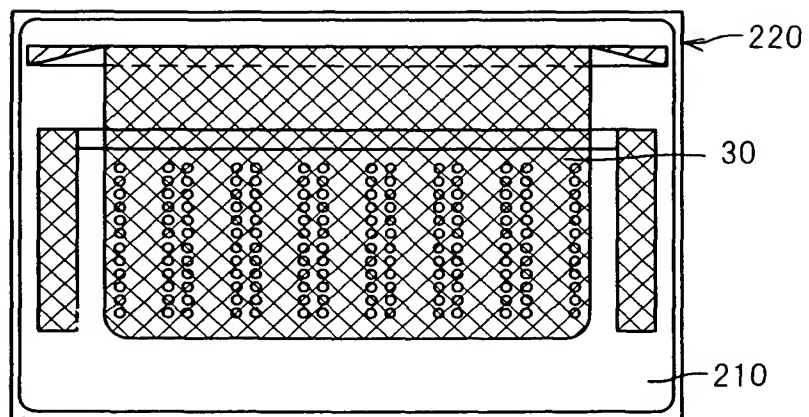


FIG. 34(a)

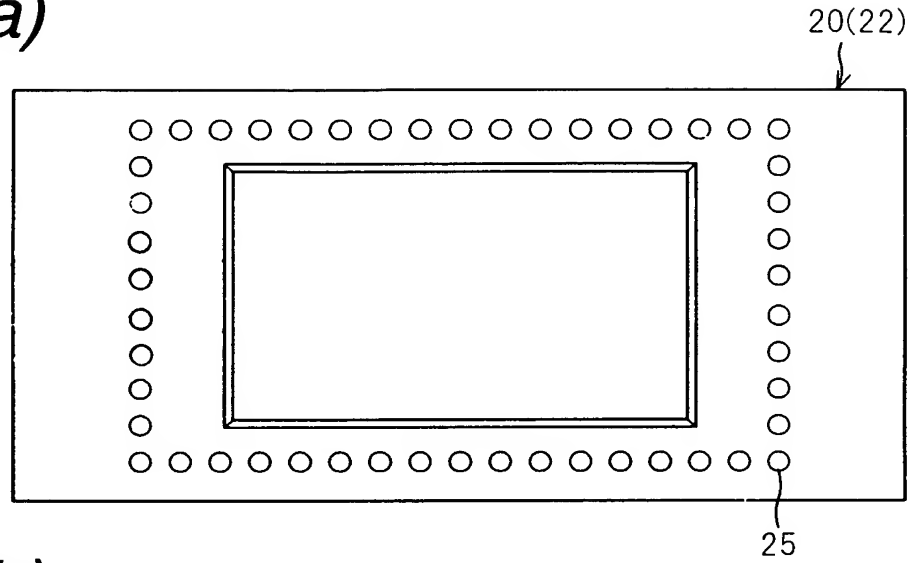


FIG. 34(b)

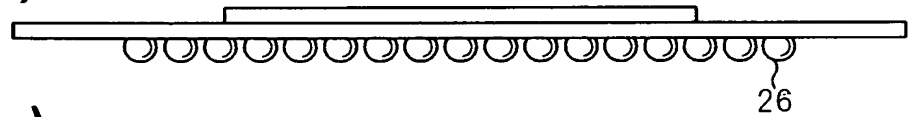


FIG. 34(c)

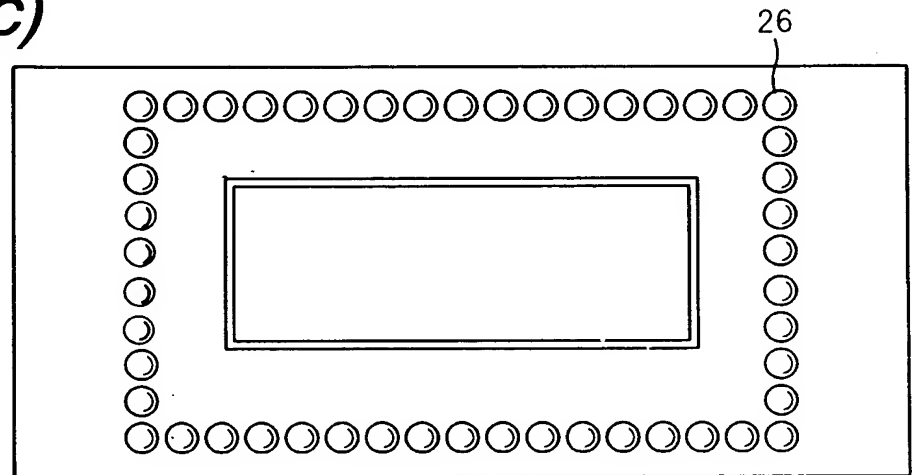


FIG. 35(a)

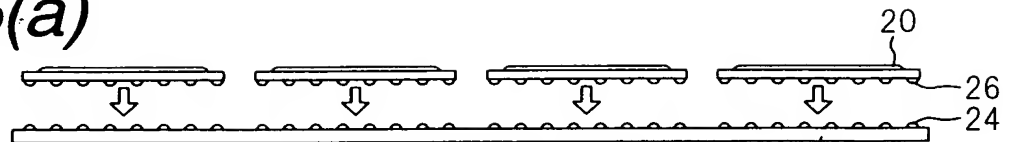


FIG. 35(b)

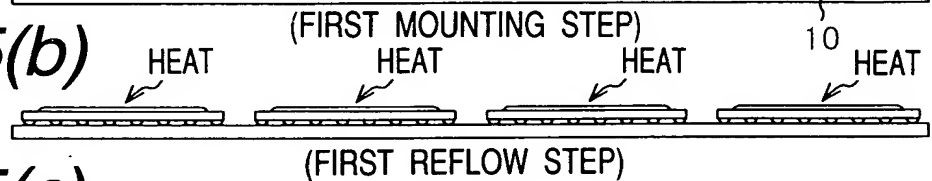


FIG. 35(c)

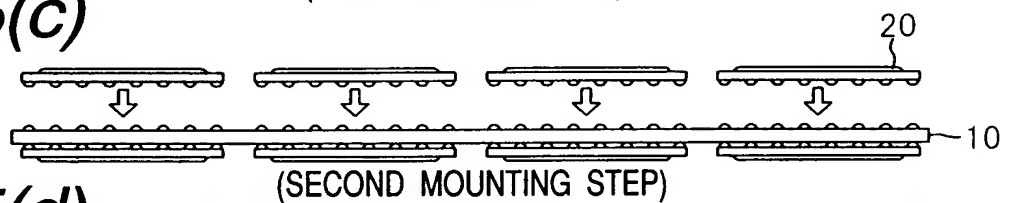


FIG. 35(d)

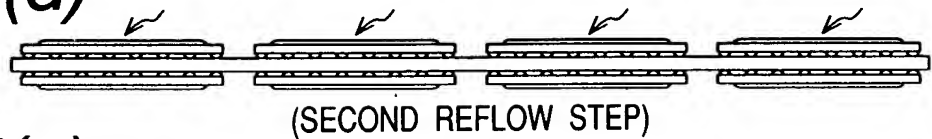


FIG. 35(e)

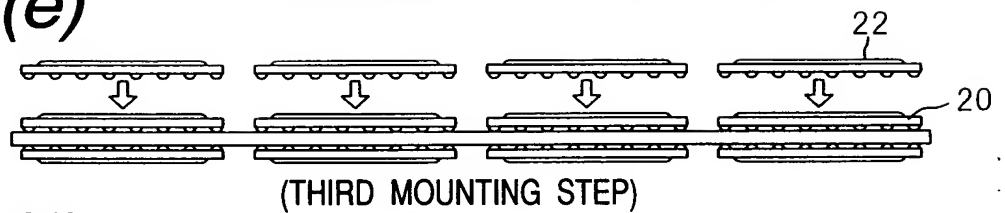


FIG. 35(f)

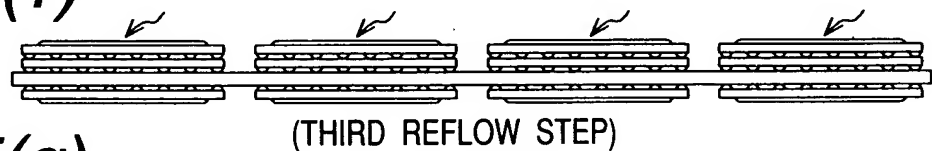


FIG. 35(g)

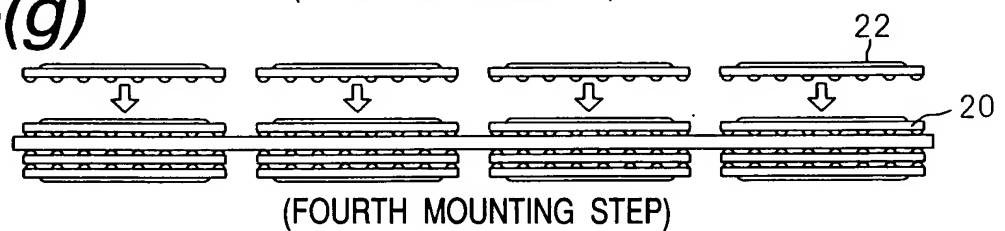


FIG. 35(h)

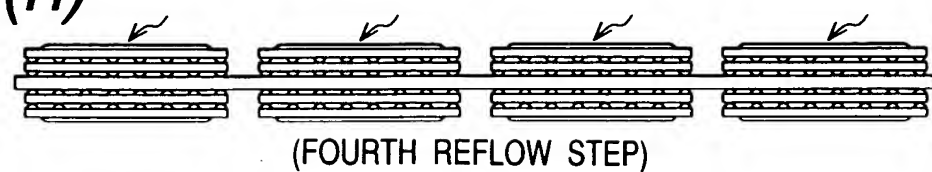


FIG. 36

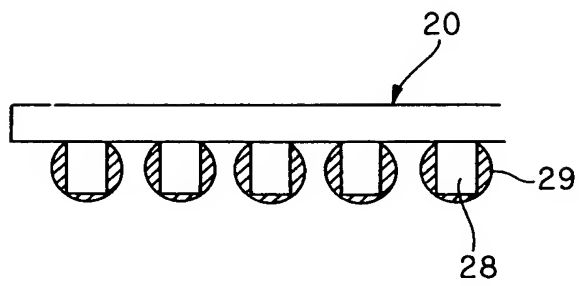
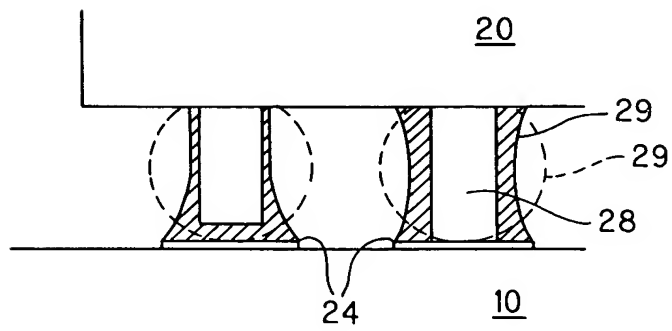
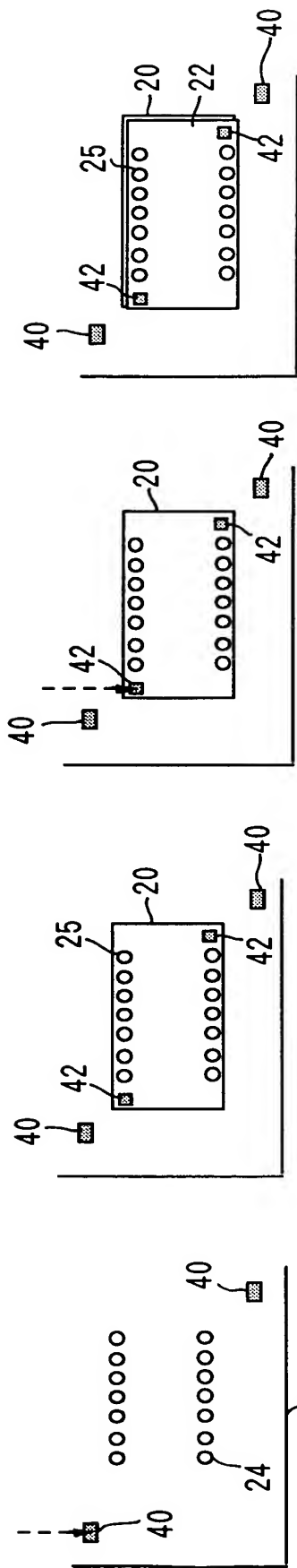


FIG. 37





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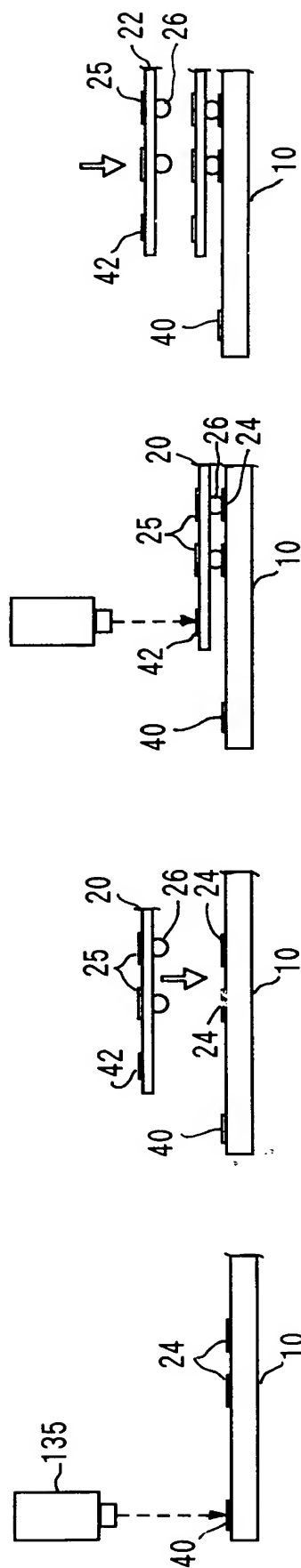


FIG. 38(a) FIG. 38(b) FIG. 38(c) FIG. 38(d)

FIG. 39

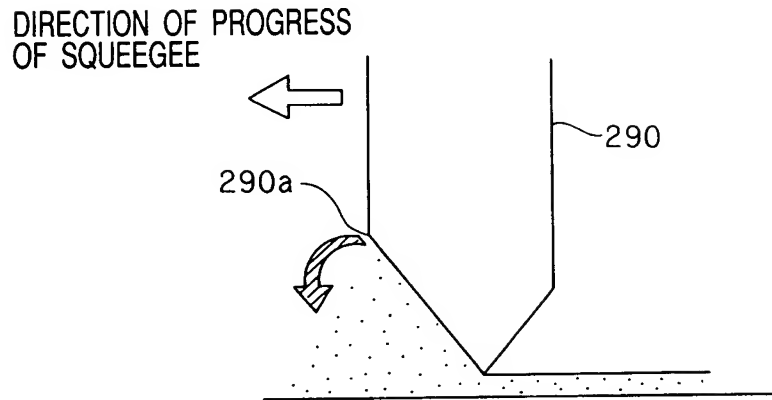


FIG. 40(a)

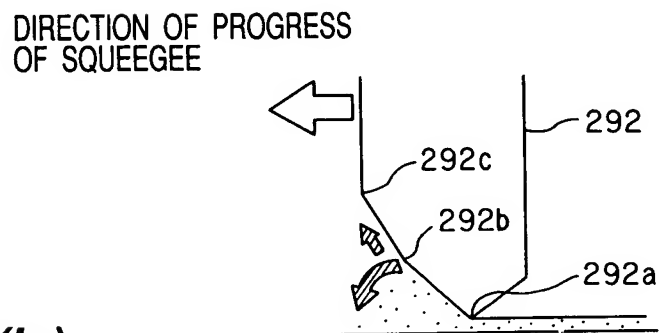


FIG. 40(b)

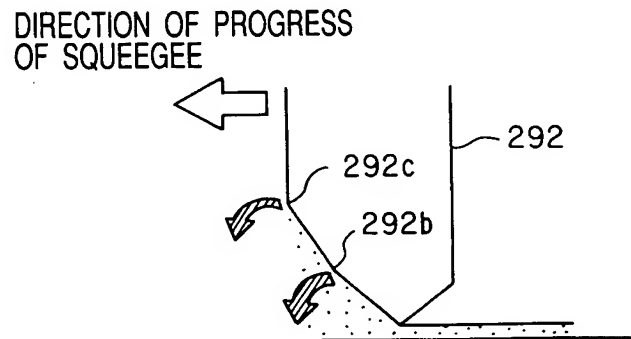


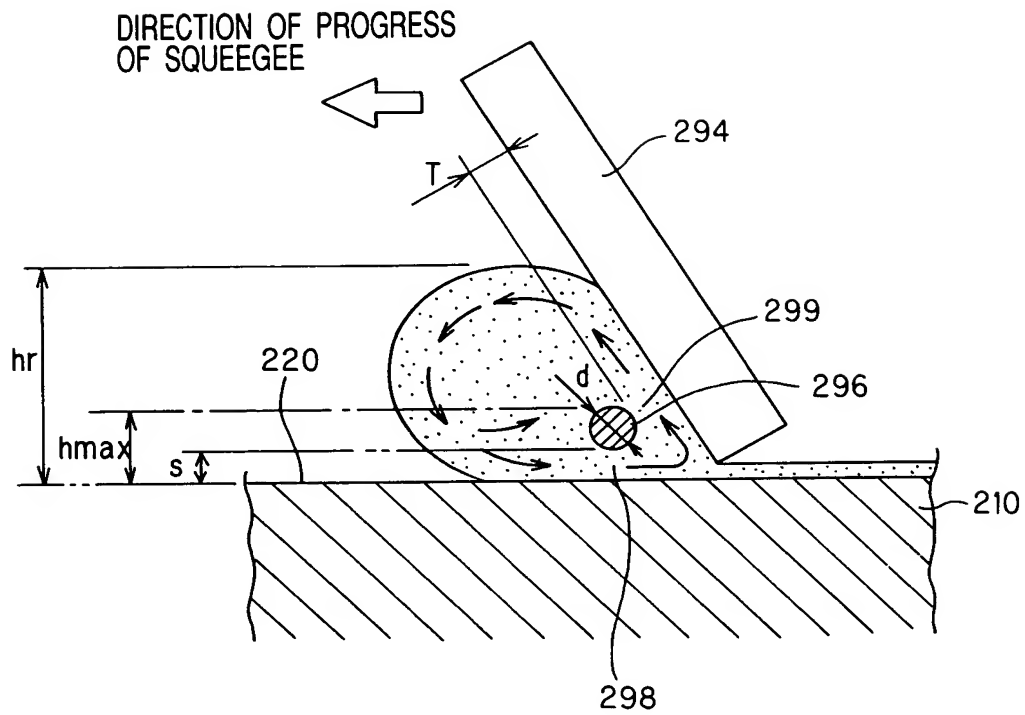
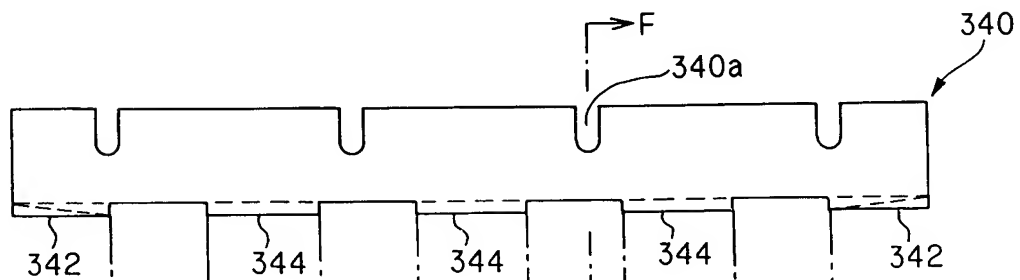
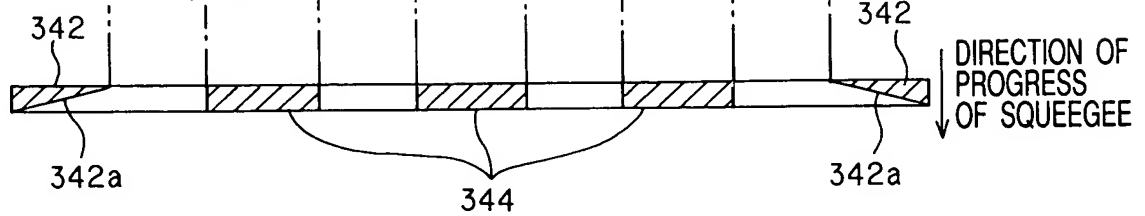
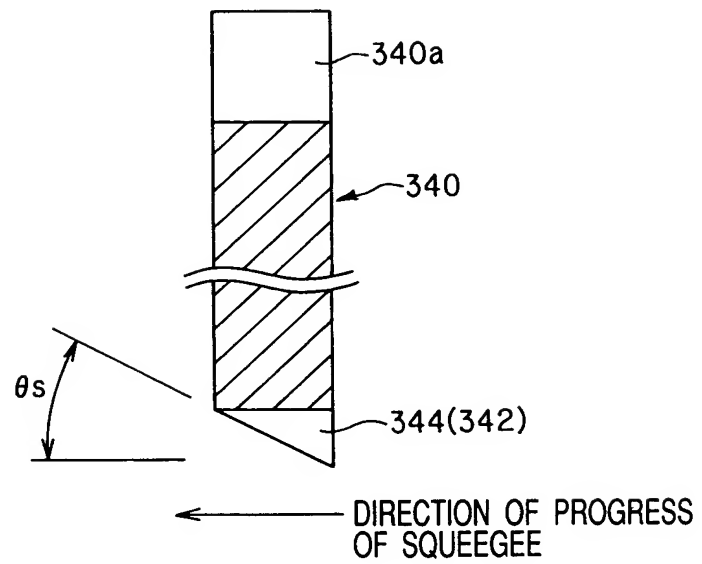
FIG. 41**FIG. 42(a)****FIG. 42(b)**

FIG. 43



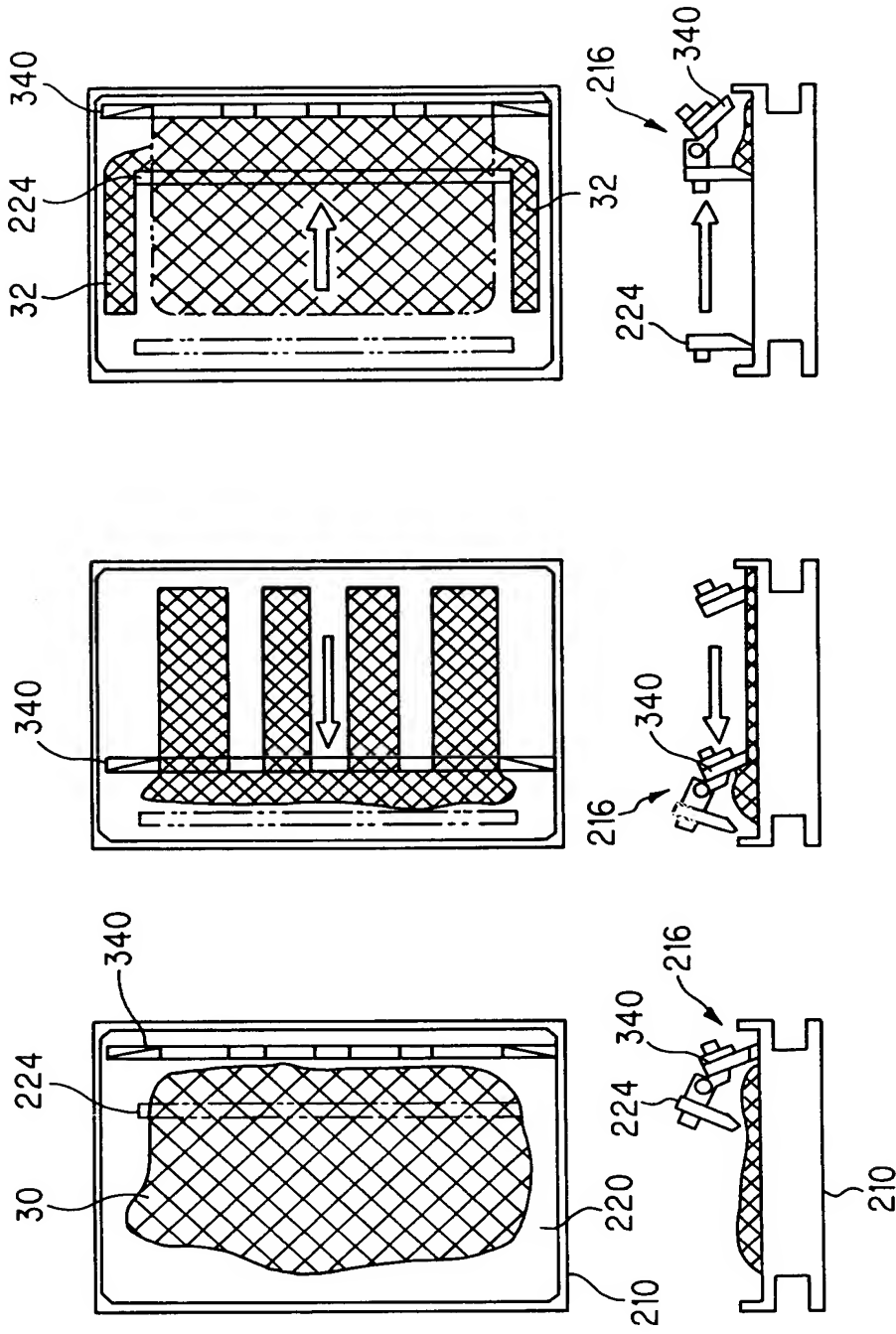


FIG. 44(a)

FIG. 44(b)

FIG. 44(c)

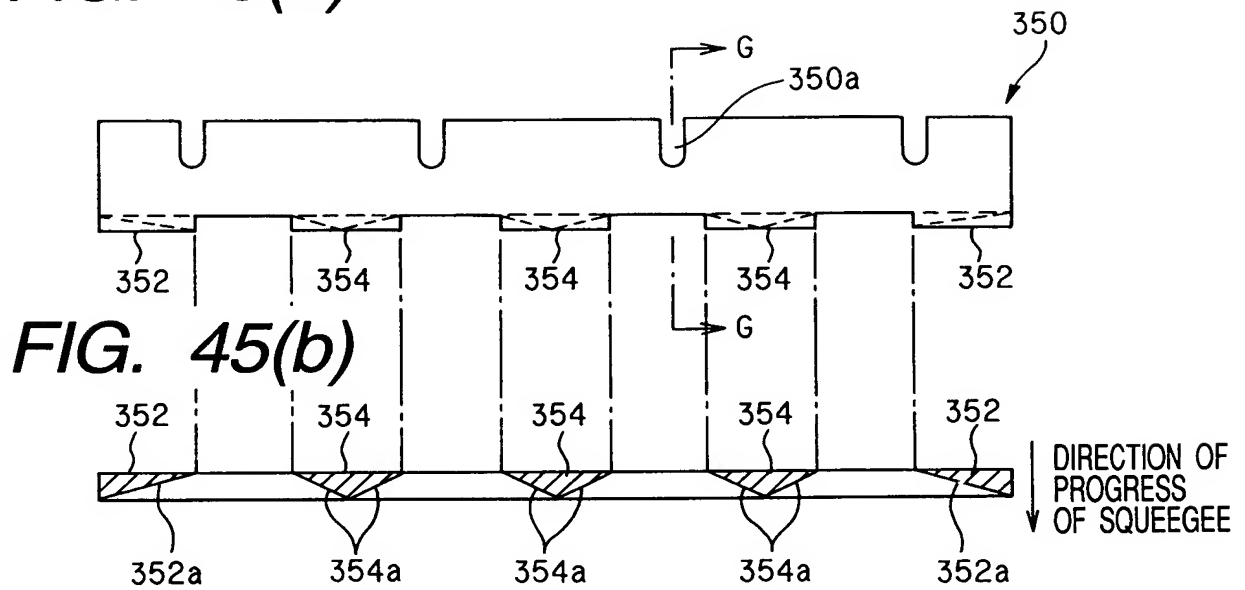
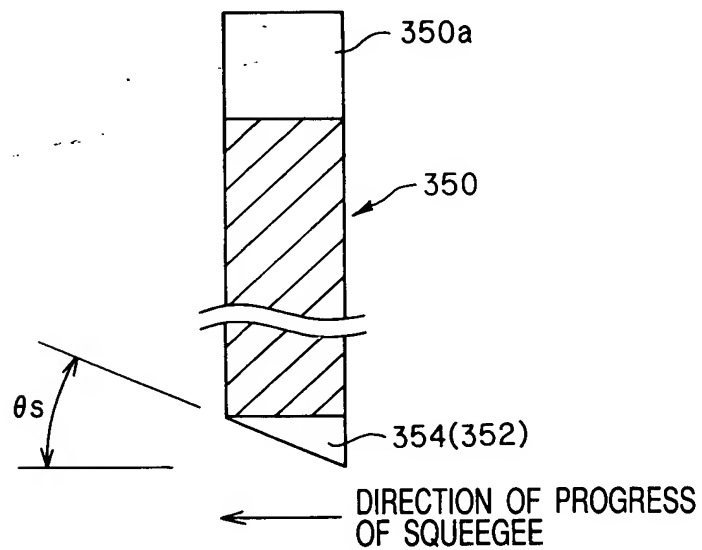
FIG. 45(a)**FIG. 46**

FIG. 47

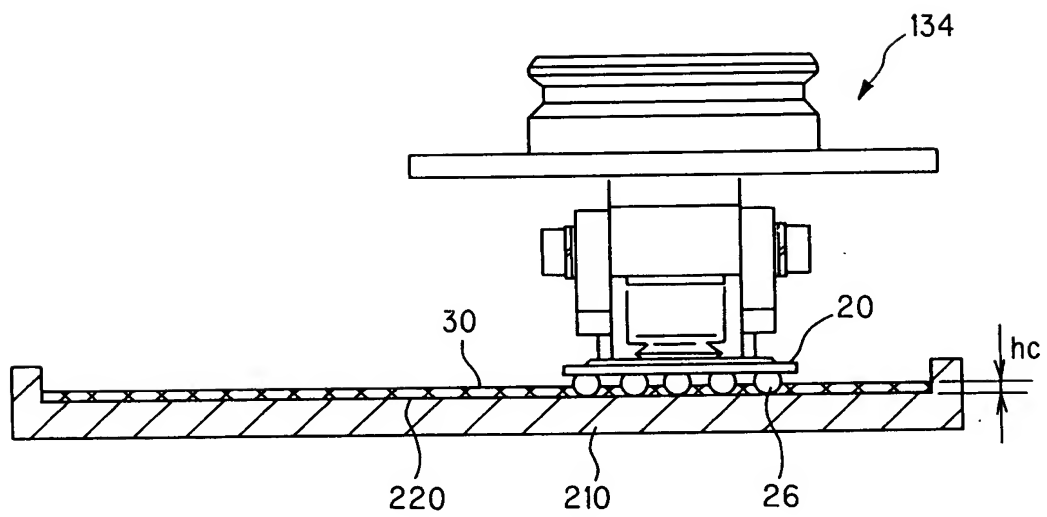


FIG. 48

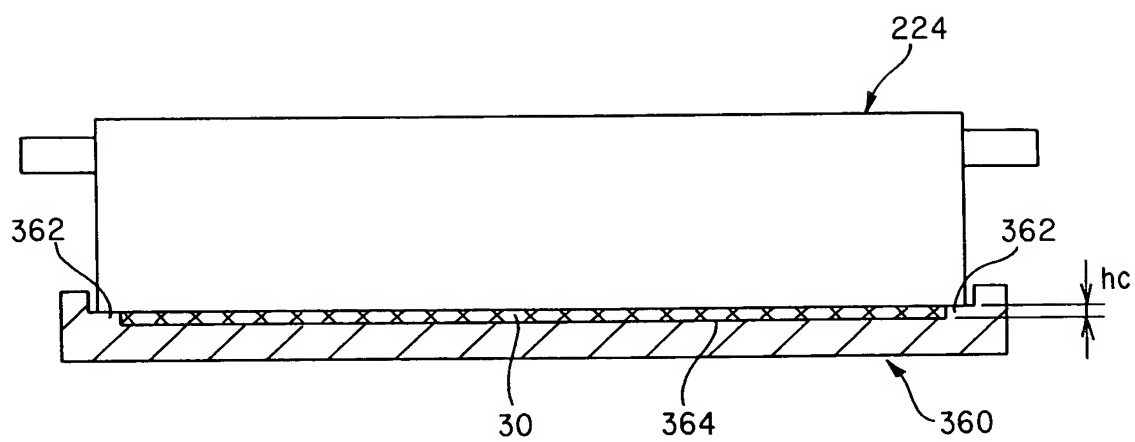


FIG. 49

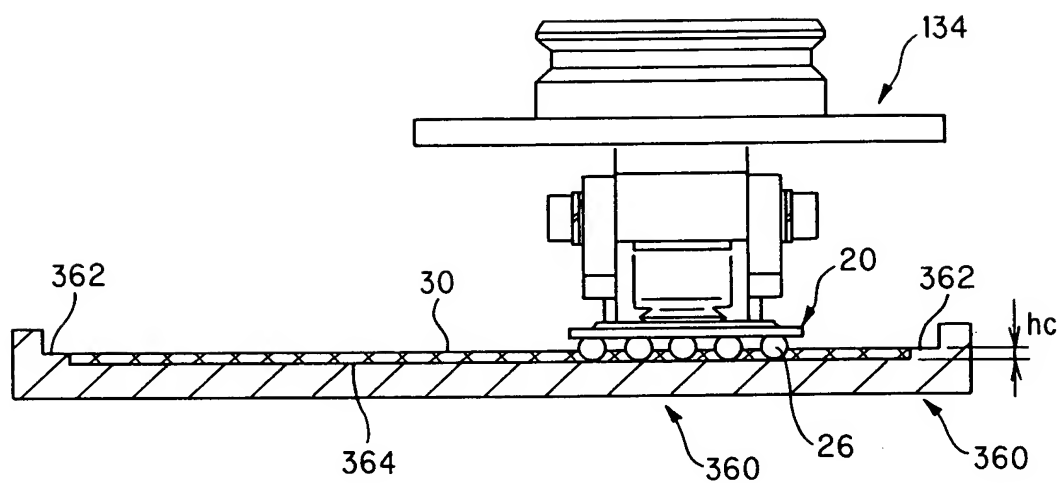


FIG. 50

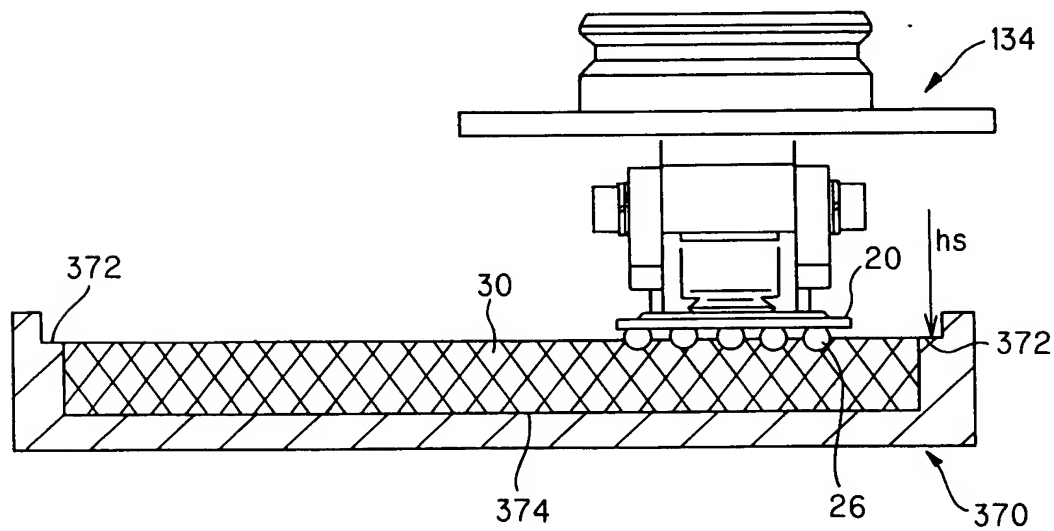


FIG. 51

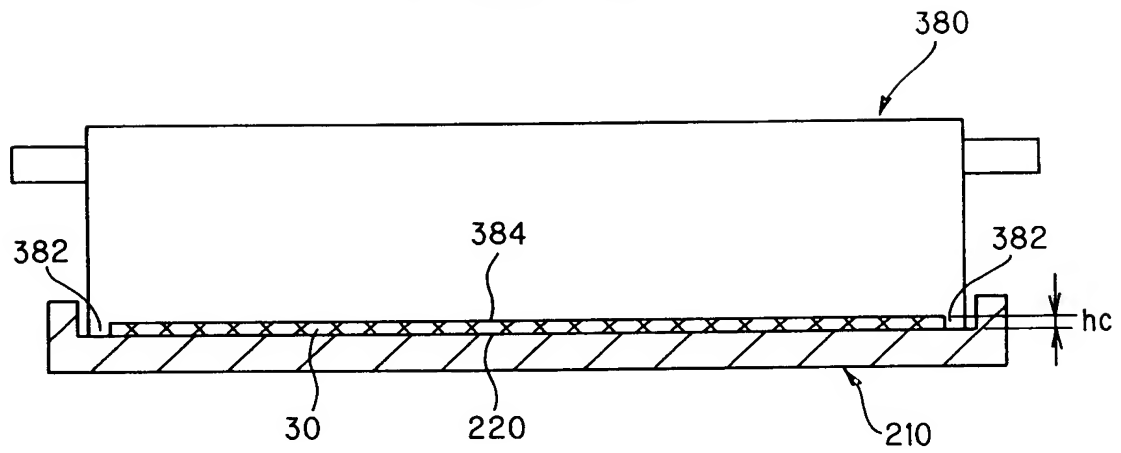


FIG. 52

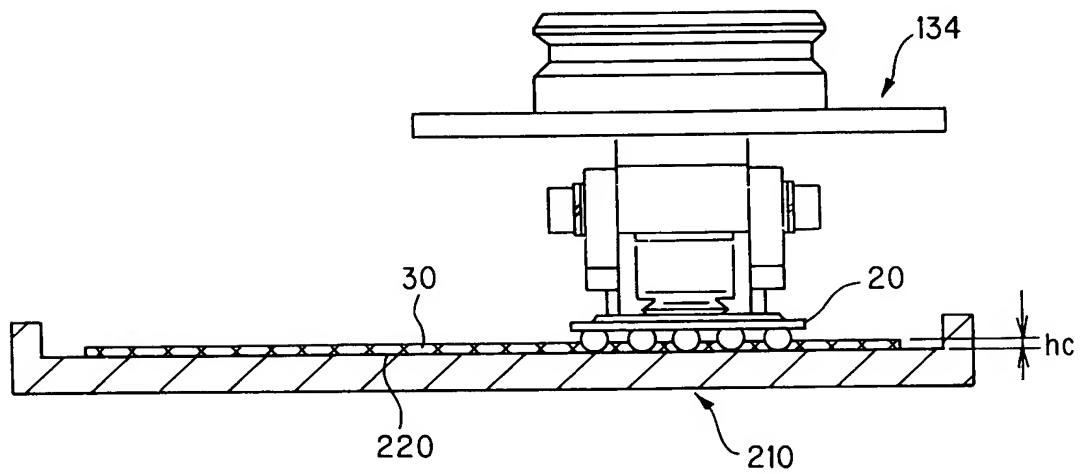


FIG. 53

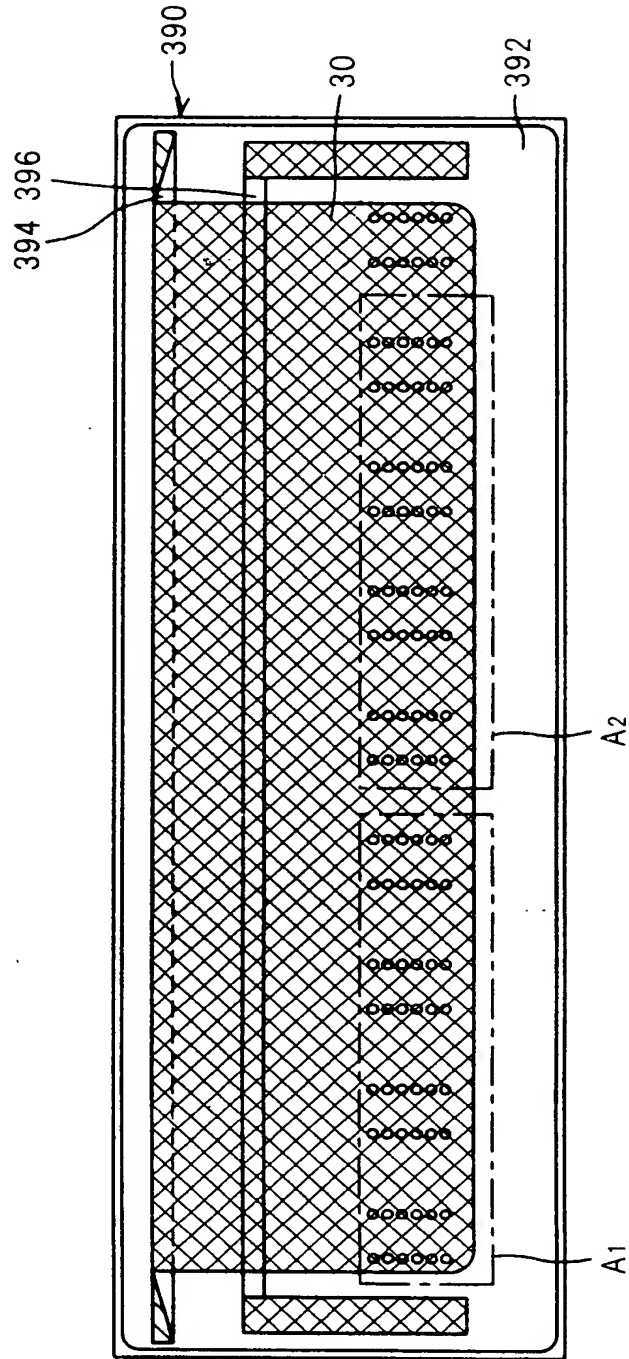


FIG. 54

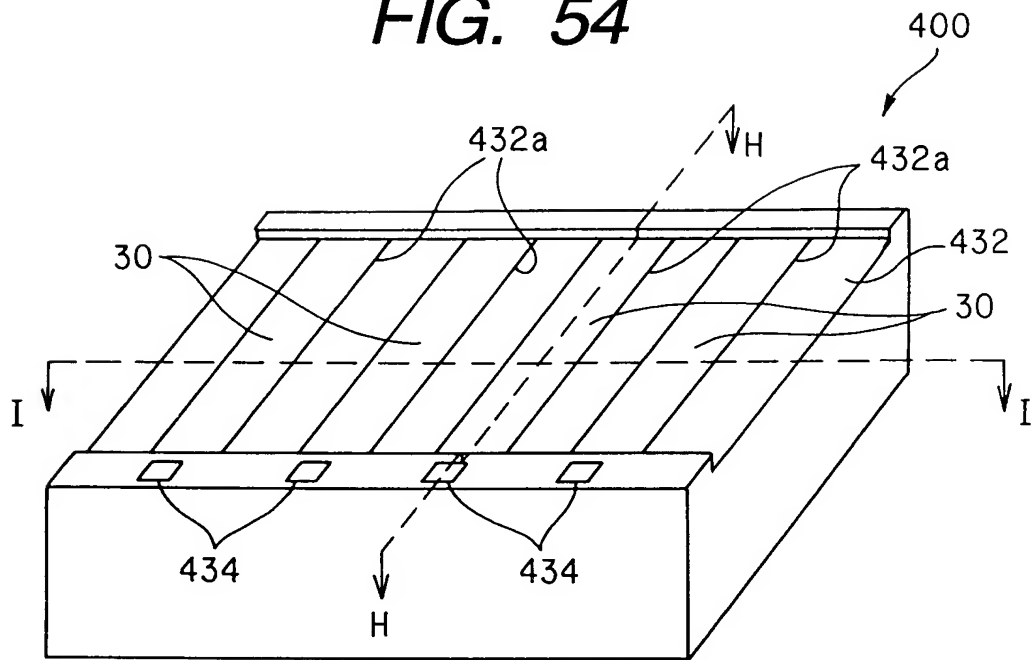


FIG. 55

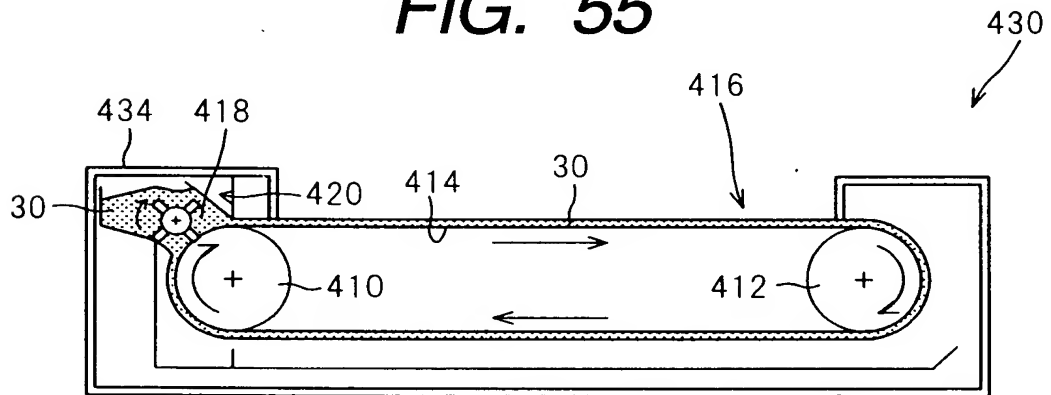


FIG. 56

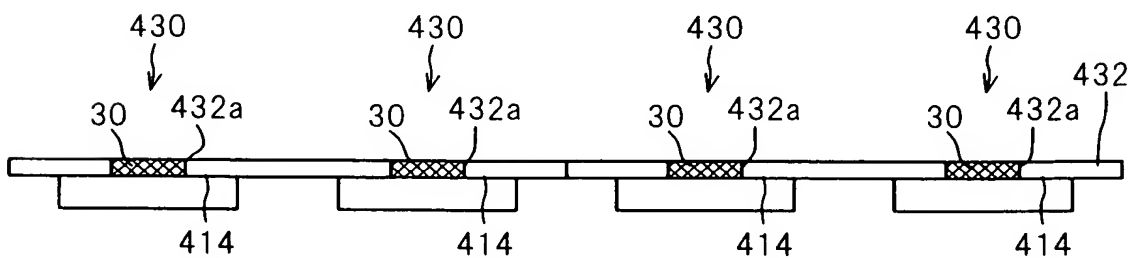


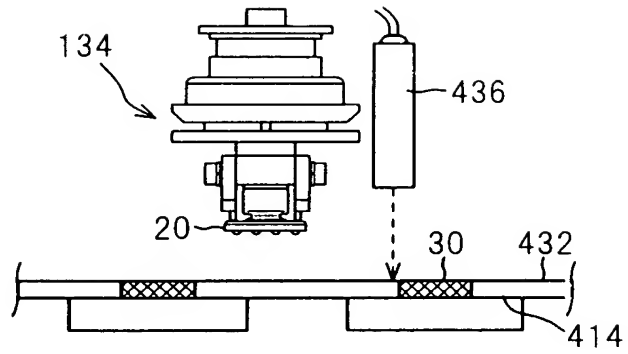
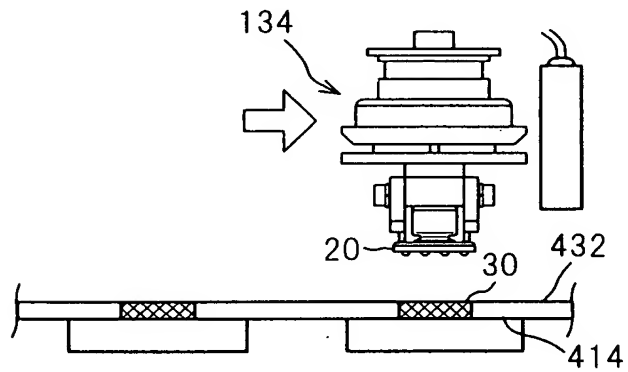
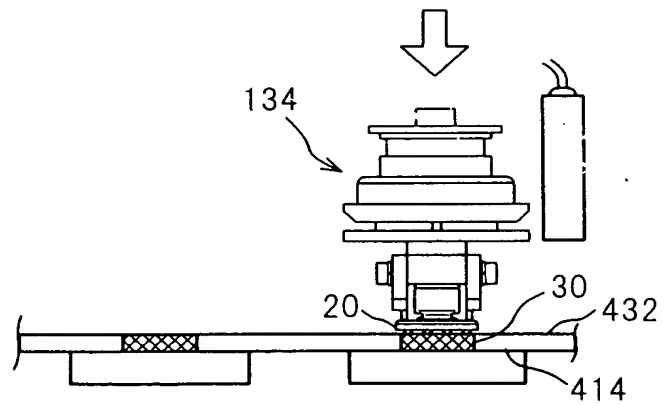
FIG. 57(a)*FIG. 57(b)**FIG. 57(c)*

FIG. 58(a)

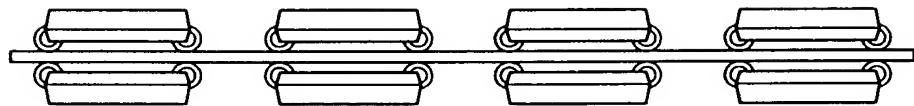


FIG. 58(b)

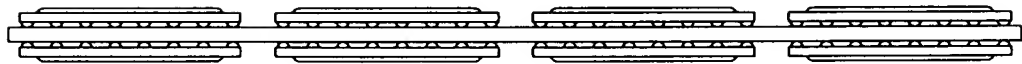


FIG. 59(a)

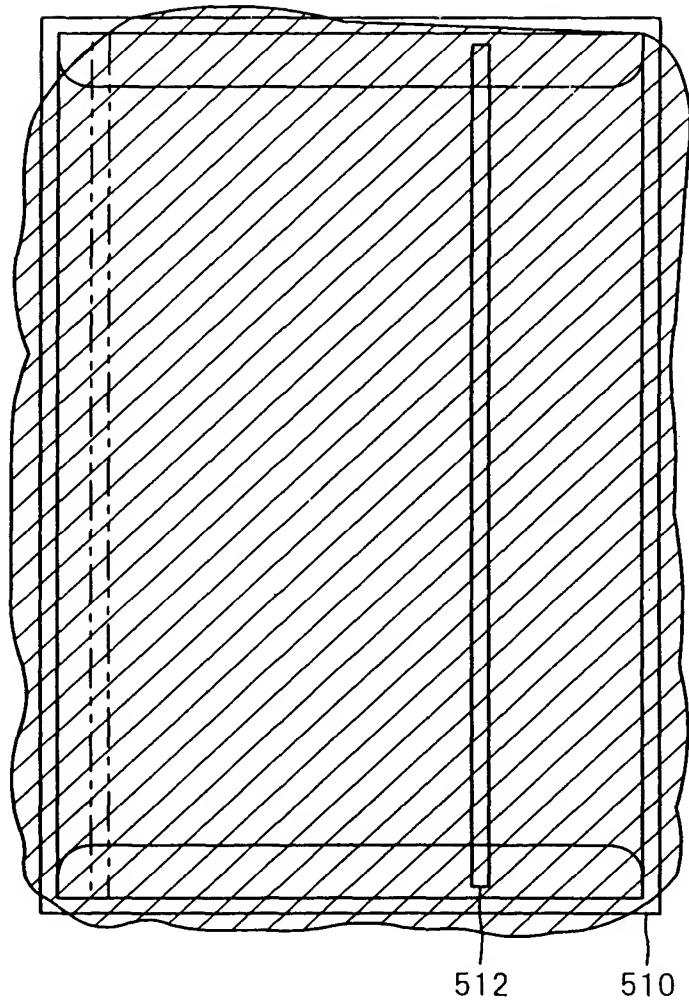


FIG. 59(b)

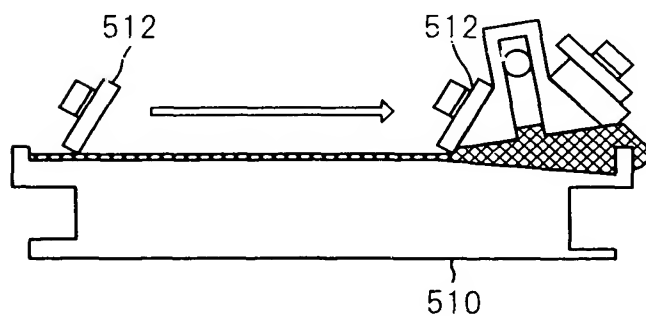


FIG. 60(a)

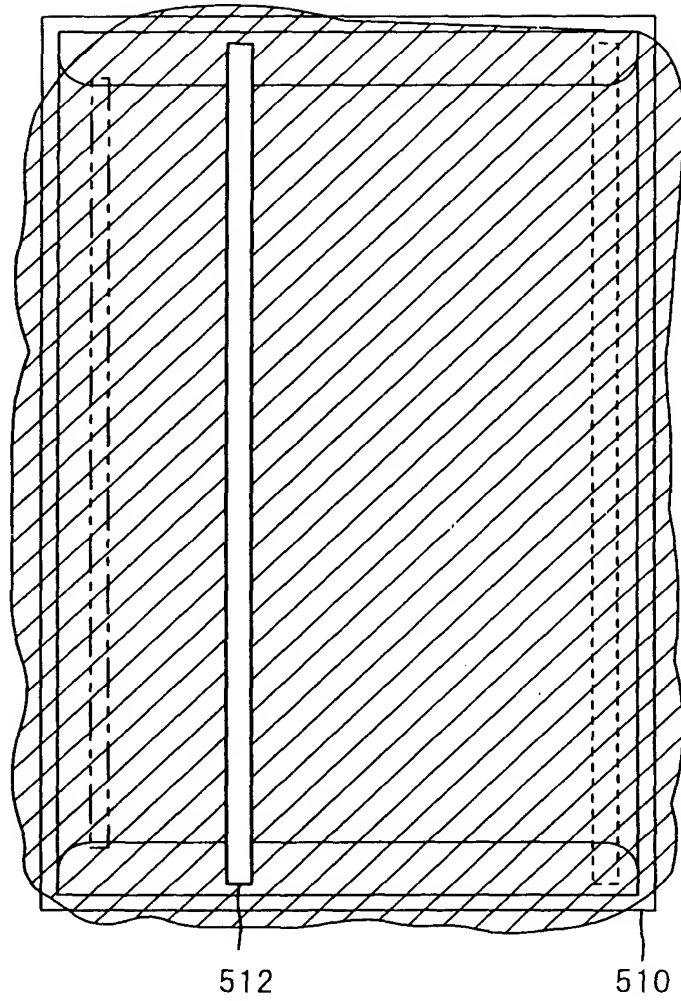


FIG. 60(b)

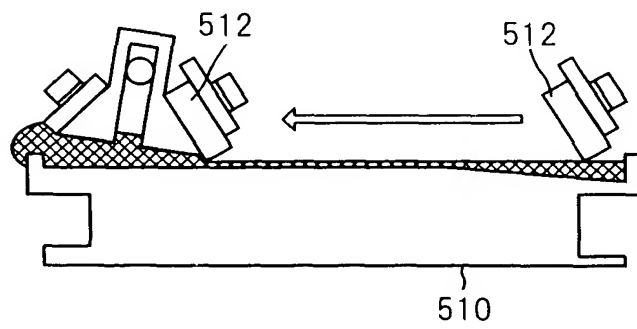


FIG. 61

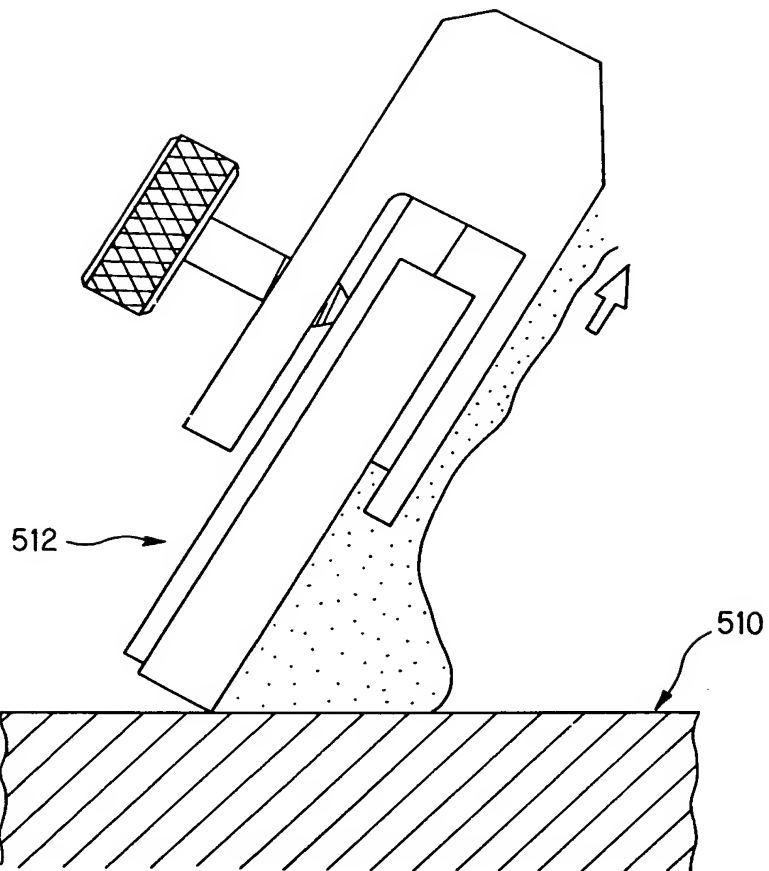


FIG. 62

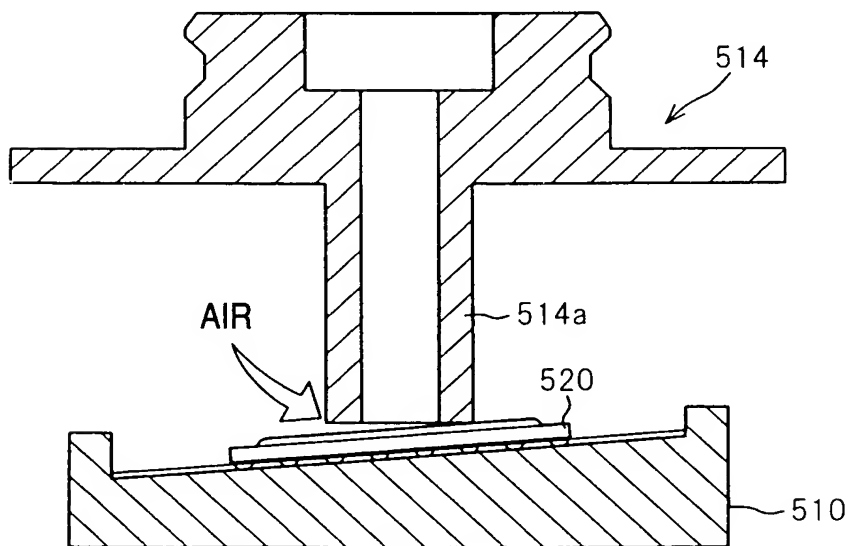


FIG. 63(a)

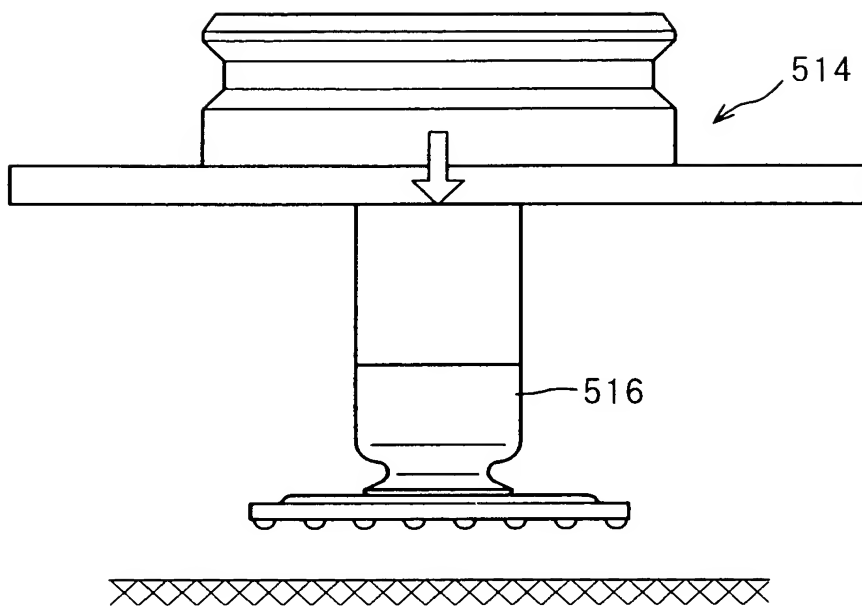


FIG. 63(b)

